

## Published papers with SAB products

1. Haitao Ji, Ji Wang, Heinz Nika, et al. (2009) EGF-Induced ERK Activation Promotes CK2-Mediated Disassociation of  $\alpha$ -Catenin from  $\beta$ -Catenin and Transactivation of  $\beta$ -Catenin. *Molecular Cell*, 36 (4) :547–559  
**Cat.11330**  $\alpha$ -catenin (Phospho-Ser641) antibody
2. Yanhua Zheng, Yan Xia, Xiang Gao, Zhimin Lu, et al. (2009) FAK Phosphorylation by ERK Primes Ras-Induced Tyrosine Dephosphorylation of FAK Mediated by PIN1 and PTP-PEST. *Molecular Cell*, 35:11–25  
**Cat.11153** Src (Phospho-Tyr529) Antibody  
**Cat.21168** Src (Ab-529) Antibody
3. J Bossuyt, K Helmstadter, X Wu, et al. (2008) Ca<sup>2+</sup>/Calmodulin-Dependent Protein Kinase II  $\{\delta\}$  and Protein Kinase D Overexpression Reinforce. *Circulation Research*, 102(6):695-702.  
**Cat.21279** CaMKII (Ab-286) Antibody,  
**Cat.11193** HDAC5 (Phospho-Ser498) Antibody
4. Pang J, Yan C, Natarajan K, et al. (2008) GIT1 mediates HDAC5 activation by angiotensin II in vascular smooth muscle cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, 28(5):892-8.  
**Cat.11193** HDAC5 (Phospho-Ser498) Antibody  
**Cat.21142** HDAC5 (Ab-498) Antibody
5. Qin Liu, Hanjiang Fu, Fang Sun, et al. (2008) miR-16 family induces cell cycle arrest by regulating multiple cell cycle genes. *Nucleic Acids Res.*, 36: 5391-5404.  
**Cat.11131** Rb (Phospho-Ser807) Antibody
6. RS Chen, YM Song, et al. (2008) Disruption of xCT inhibits cancer cell metastasis via the caveolin-1/ $\beta$ -catenin pathway. *Oncogene*, 28, 599–609  
**Cat. 11253** P38 MAPK(Phospho-Tyr182) Antibody
7. S Lim, M Luo, M Koh, et al. (2007) Distinct Mechanisms Involving Diverse Histone Deacetylases Repress Expression of the Two Gonadotropin  $\beta$ -Subunit Genes in Immature Gonadotropes, and Their Actions Are Overcome by Gonadotropin-Releasing Hormone. *Molecular and Cellular Biology*, 27(11):4105-4120.  
**Cat.11193** HDAC5 (Phospho-Ser498) Antibody  
**Cat.11192** HDAC4 (Phospho-Ser632) Antibody
8. K Satoh, J Ohnishi, A Sato, et al. (2007) Nemo-Like Kinase-Myocyte Enhancer Factor 2A Signaling Regulates Anterior Formation in Xenopus Development. *Molecular and Cellular Biology*, 27(21):7623-30.  
**Cat.11039** MEF2A (Phospho-Thr312) Antibody
9. Hong-Li Wu, Yu-Hua Li, Yan-Hua Lin, et al. (2008) Salvianolic acid B protects human endothelial cells from oxidative stress damage: a possible protective role of glucose-regulated protein 78 induction. *Cardiovasc Res*, 81:148-158  
**Cat.21271** eIF2 $\alpha$  (Ab-51) Antibody  
**Cat.21053** ATF4 (Ab-245) Antibody
10. N Matsuda, Y Takano, S Kageyama, et al. (2007) Silencing of caspase-8 and caspase-3 by RNA interference prevents vascular endothelial cell injury in mice with endotoxic shock. *Cardiovascular*

*Research*, 76:132-140.

**Cat.11068** BAD (Phospho-Ser136) Antibody

11. Guo-Dong Li , Xi Zhang , Rong Li , et al. (2008) CHP2 activates the calcineurin/NFAT signaling pathway and enhances the oncogenic potential of HEK293 cells. **JBC**, 283 (47): 32660–32668

**Cat.21137** Histone H3.1 (Ab-10) Antibody

12. Juliette Gafni, Xin Cong, Sylvia F. Chen, et al.(2009)Calpain-1 Cleaves and Activates Caspase-7J. **Biol. Chem.**, 284: 25441 - 25449.

**Cat. T503** polyclonal DYKDDDDK tag

13. Bin Kang ,Ruifang Guo,Xiao-hui Tian , et al.(2008) Expression status of ataxia telangiectasia mutated gene coorelated with Prognosis in advanced gastric cancer. **Mutation Research**, 638: 17-25

**Cat.11122** ATM (Phospho-Ser1981) Antibody

14. Yuan Guogang,Lu Qian ,Ming Shi (2008) HER2-dependent MMP-7 expression is mediated by activated STAT3. **Cellular Signalling**, 20:1284–1291

**Cat.11079** HER2 (Phospho-Tyr1248) Antibody

**Cat.11045** STAT3 (Phospho-Tyr705) Antibody

15. Fan Yang, Yu-Ping Xu , et al(2009).Cloning and Characterization of a Novel Intracellular Protein p48.2 that Negatively Regulates Cell Cycle Progression. **The International Journal of Biochemistry & Cell Biology**, 41 (11): 2240–2250

**Cat. 21150** p27Kip1 (Ab-10) Antibody

16. Zhi Huang, Da-Peng Yan, Bao-Xue Ge,et al. (2008) JNK regulates cell migration through promotion of tyrosine phosphorylation of paxillin. **Cellular Signalling** ,20: 2002-2012

**Cat.11201** Paxillin (Phospho-Tyr31) Antibody

17. Bo Xiong, Sen Li, Jun-Shu Ai, et al. (2008) BRCA1 Is Required for Meiotic Spindle Assembly and Spindle Assembly Checkpoint Activation in Mouse Oocytes. **Biol Reprod**, 79, 718–726

**Cat.21234** BRCA1(Ab-1423) Antibody

18. Shufang Wang, Jianjun Hu, Xinzheng Guo, et al. (2008) ADP-Ribosylation Factor 1 Regulates Asymmetric Cell Division in Female Meiosis in the Mouse..

**Biol Reprod**, 80 (3): 555-562

**phosphorylated-MDK**

19. Na Li, Hanjiang Fu, Yi Tie, et al. (2008) miR-34a inhibits migration and invasion by down-regulation of c-Met expression in human hepatocellular carcinoma cells. **Cancer Letters**, 275(1):44-53

**Cat.21220** Met (Ab-1234) Antibody

20. Fang Sun , Hanjiang Fu , Qin Liu, et al. (2008) Downregulation of CCND1 and CDK6 by miR-34a induces cell cycle arrest. **FEBS Letters**, 582:1564–1568.

**Cat.11130** Rb (Phospho-Ser795) Antibody

21. H Yamaguchi, J Zhu, T Yu, et al. (2006) Low-level bisphenol A increases production of glial fibrillary acidic protein in differentiating astrocyte progenitor cells through excessive STAT3 and Smad1

activation. **Toxicology**, 226:131-142.

**Cat.11045** STAT3 (Phospho-Tyr705) Antibody

**Cat.11046** STAT3 (Phospho-Ser727) Antibody

22. Nobuo Terada, Nobuhiko Ohno, Sei Saitoh, et al (2009) Involvement of dynamin-2 in formation of discoid vesicles in urinary bladder umbrella cells. **Cell Tissue Res**: 337:91–102

**Cat.21264** Cortactin(Ab-466) Antibody

23. Young Yil Bahk, Ick-Hyun Cho, Tong Soo Kim. (2008) A Cross-talk between oncogenic Ras and tumor suppressor PTEN through FAK Tyr861 phosphorylation in NIH/3T3 mouse embryonic fibroblasts, **Biochemical and Biophysical Research Communications**, 377:1199–1204.

**Cat.11054** Akt (Phospho-Ser473) Antibody

**Cat.21054** Akt (Ab-473) Antibody

24. Hui Zhou, Jing Zhao, Xujia Zhang., et al. (2009) Inhibition of uncoupling protein 2 by genipin reduces insulin-stimulated glucose uptake in 3T3-L1 adipocytes, **Archives of Biochemistry and Biophysics**, 486 : 88–93

**Cat.11054** Akt (Phospho-Ser473) Antibody

25. Liang Wu , Lei Zhu , Wei-Hao Shi , et al. (2008) Zoledronate inhibits the proliferation, adhesion and migration of vascular smooth muscle cells. **European Journal of Pharmacology**, 602, 124–131

**Cat.11059** FAK (Phospho-Tyr861) Antibody

26. J Leemput, C Masson, K Bigot , ATM localization and gene expression in the adult mouse eye. **Molecular Vision** 15: 393–416

**Cat.11122** ATM (Phospho-Ser1981) Antibody

27. F Carrillo, SA Schneider, AMR Taylor, et al (2009) Prominent Oromandibular Dystonia and Pharyngeal Telangiectasia in Atypical Ataxia Telangiectasia. **Cerebellum**, 8:22–27

**Cat.11057** p95/NBS1 (Phospho-Ser343) Antibody

28. Kira Ikari, Chiaki Okude, Hayato Sawada, et al. (2008) Down-regulation of TRPM6-mediated magnesium influx by cyclosporin A Naunyn-Schmiedeberg's. **Archives of Pharmacology**, 377(4-6):333-43.

**Cat.21001** c-Jun (Ab—63) Antibody

**Cat. 21003** c-Jun (Ab-73) Antibody

**Cat. 21021** c-Jun (Ab-91) Antibody

29. Yi-Wen Gu, Dian-San Su, Jie Tian et al. (2008) Attenuating phosphorylation of p38 MAPK in the activated microglia: A new mechanism for intrathecal lidocaine reversing tactile allodynia following chronic constriction injury in rats. **Neuroscience Letters**, 431(2):129-34.

**Cat.21245** p38 MAPK (Ab-182) Antibody

30. Baiyang Sheng, Bo Song, Zhenhuan Zheng, (2009) Abnormal cleavage of APP impairs its functions in cell adhesion and migration. **Neuroscience Letters**, 450, 327–33

**Cat.11059** FAK (Phospho-Tyr861) Antibody

31. X Tang, X Zhou, K Zhou, et al. (2009) Dauricine inhibits insulin-like growth factor-I-induced hypoxia inducible factor 1 $\alpha$  protein ... **Acta Pharmacologica Sinica**. 30 (5): 605–616

**Cat.11254** p70 S6 Kinase (Phospho-Thr421) Antibody

32. Z Zheng, Y Wei, et al. (2008) Surface Characterization and Cytocompatibility of Three Chitosan/Polycation Composite Membranes for Guided Bone Regeneration. ***Journal of Biomaterials Applications***,24:209-229

**Cat. 11059** FAK (Phospho-Tyr861) Antibody

**Cat. 11123** FAK (Phospho-Tyr925) Antibody

**Cat. 11215** FAK (Phospho-Tyr397) Antibody

**Cat. 11545** FAK (phospho-Tyr576/Tyr577) Antibody

33. Yamaguchi, J Zhu, T Yu, et al. (2007) Serum-free mouse embryo cells generate a self-sustaining feedback loop for an astrocyte marker protein and respond to cytokines and bisphenol A in accordance with the subtle difference in their differentiation state. ***Cell Biology International***, 31(6):638-644.

**Cat. 21065** Estrogen Receptor- $\alpha$  (Ab-104) Antibody

**Cat. 21066** Estrogen Receptor- $\alpha$  (Ab-106) Antibody

**Cat.11045** STAT3 (Phospho-Tyr705) Antibody

**Cat. 11046** STAT3 (Phospho-Ser727) Antibody

**Cat.11321** Smad1 (Phospho-Ser465) Antibody

34. Zhi Wang, Guotong Xu, Yalan Wu, et al. (2007) Neuregulin-1 enhances differentiation of cardiomyocytes from embryonic stem cells. ***Medical and Biological Engineering and Computing***, 47:41–48

**Cat.11054** Akt (Phospho-Ser473) Antibody

35. C. Annette Hollmann, Alexandar Tzankov, Verónica L. Martínez-Marignac et al. (2010) Therapeutic implications of Src independent calcium mobilization in diffuse large B-cell lymphoma. ***Leukemia Research***, 34( 5), 585-593

**Cat.11144** Lck (Phospho-Tyr394) Antibody

36. Li, X., Ke, Q., Li, Y., Liu, F., Zhu, G., & Li, F., et al (2008) DGCR6L, a Novel PAK4 Interaction Protein, Regulates PAK4-mediated migration of Human Gastric Cancer Cell via LIMK1, ***International Journal of Biochemistry and Cell Biology***, 42: 70–79

**Cat.21127** LIMK1 (Ab-508) Antibody

**Cat.11126** LIMK1 (Phospho-Thr508) Antibody

37. Jing Zhang, Osamu Yamada, Yoshihisa Matsushita, et al (2010) Transactivation of human osteopontin promoter by human T-cell leukemia virus type 1-encoded Tax protein, ***Leukemia Research Volume 34, Issue 6, Pages 763-768***.

**Cat.11054** Akt (Phospho-Ser473) Antibody

**Cat.21054** Akt (Ab-473) Antibody

38. Shan-chuan Zhong, Xue Luo, Xing-shu Chen, et al (2009) Expression and Subcellular Location of Alpha-Synuclein During Mouse-Embryonic Development. ***Cell Mol Neurobiol***  
DOI 10.1007/s10571-009-9473-4

**Cat.21278** Synuclein (Ab-136) Antibody

39. Jennifer S. Dickey, Christophe E. Redon, Asako J. Nakamura, et al (2009) H2AX: functional roles and potential applications. ***Chromosoma*** (2009) 118:683–692

**Cat.21260** Histone H2A.X (Ab-139) Antibody

40. Li-Nan Ren , Qing-Fang Li , Feng-Jun Xiao, et al (2009) Endocrine glands-derived vascular endothelial growth factor protects pancreatic cancer cells from apoptosis via upregulation of the myeloid cell

leukemia-1 protein. **Biochemical and Biophysical Research Communications** 386:35–39

**Cat.11054** Akt (Phospho-Ser473) Antibody

**Cat.11045** STAT3 (Phospho-Tyr705) Antibody

41. Chih-Kai Liao, Seu-Mei Wang, Yuh-Lien Chen, et al (2010) Lipopolysaccharide-induced inhibition of connexin43 gap junction communication in astrocytes is mediated by downregulation of caveolin-3. **The International Journal of Biochemistry & Cell Biology**, Volume 42, Issue 5, Pages 762-770

**Cat.21103**  $\beta$ -Catenin (Ab-41/45) Antibody

**Cat.21211**  $\beta$ -Catenin (Ab-33) Antibody

**Cat.21212**  $\beta$ -Catenin (Ab-37) Antibody

42. Jian-Guo Zhang, Jing Zhao, and Yan Xin, et al (2010) Significance and relationship between Cripto-1 and p-STAT3 expression in gastric cancer and precancerous lesions. **World J Gastroenterol**. 16(5): 571–577.

**Cat.11045** STAT3 (Phospho-Tyr705) Antibody

**Cat.11046** STAT3 (Phospho-Ser727) Antibody

43. Nabissi Massimo, Morelli Maria Beatrice, Amantini Consuelo, et al (2010) TRPV2 channel negatively controls glioma cell proliferation and resistance to Fas-induced apoptosis in ERK-dependent manner. **Carcinogenesis**. 0: bgq019v1-bgq019

**Cat.21054** Akt (Ab-473) Antibody

**Cat.21055** Akt (Ab-308) Antibody

44. Wenjuan Zhang, Huali Jin, Yanxin Hu, et al (2010) Protective Response Against Type 1 Diabetes in Nonobese Diabetic Mice After Coimmunization with Insulin and DNA Encoding Proinsulin. **Human Gene Therapy**, 21(2): 171-178.

TGF- $\beta$  antibody was obtained from **Signalway Antibody** (Pearland, TX).

45. Sheng-Li Lin, Li-Ying Yan, Xin-Tian Zhang, Ju Yuan, et al (2010) ER- $\alpha$ 36, a Variant of ER- $\alpha$ , Promotes Tamoxifen Agonist Action in Endometrial Cancer Cells via the MAPK/ERK and PI3K/Akt Pathways. **PLoS One**. 5(2): e9013.

**Cat.11054** Akt (Phospho-Ser473) Antibody

46. Jitakshi De, Robert E. Brown (2010) Tissue-microarray based immunohistochemical analysis of survival pathways in nodular sclerosing classical Hodgkin lymphoma as compared with Non-Hodgkin's lymphoma. **Int J Clin Exp Med**, 3(1):55-68

**Cat.11014** NF $\kappa$ B-p65 (Phospho-Ser536) Antibody

47. Daisuke Ekuni, Takaaki Tomofuji, Koichiro Irie, et al (2010) Effects of periodontitis on aortic insulin resistance in an obese rat model. **Laboratory Investigation**, doi:10.1038

**Cat.21166** IRS-1 (Ab-312) Antibody

**Cat.21223** IRS-1 (Ab-636) Antibody

**Cat.21224** IRS-1 (Ab-639) Antibody

**Cat.21228** IRS-1 (Ab-307) Antibody

48. M. Uenoyama, S. Ogata, K. Nakanishi, et al (2010) Protein kinase C mRNA and protein expressions in hypobaric hypoxia-induced cardiac hypertrophy in rats. **Acta Physiol**

**Cat.11296** PKC $\delta$  (Phospho-Ser645) Antibody

49. Yuichi Sekine, Osamu Ikeda, Satoshi Tsuji, et al (2009) Signal-Transducing Adaptor Protein-2 Regulates Stromal Cell-Derived Factor-1 $\alpha$ -Induced Chemotaxis in T Cells. **The Journal of Immunology**, 183:7966-7974.

**Cat. 11142** Vav (Phospho-Tyr174) Antibody

50. Oualid Sbai, Adlane Ould-Yahoui, Lotfi Ferhat, et al. (2009) Differential vesicular distribution and trafficking

of MMP-2, MMP-9, and their inhibitors in astrocytes. *Glia*, 58( 3), 344 – 366

**Cat.21106** ICAM-1(Ab-512) Antibody

51. Jiumei Cao, Limin Gong, Dong-chuan Guo, et al.(2010)Thoracic aortic disease in tuberous sclerosis complex: molecular pathogenesis and potential therapies in *Tsc2*<sup>+/-</sup> mice. *Human Molecular Genetics*, doi:10.1093/hmg/ddq066

**Cat.11223** 4E-BP1 (Phospho-Thr45) Antibody

52. Akira Ikari, Kosuke Atomi, Keishi Kinjo, et al.(2010)Magnesium deprivation inhibits a MEK–ERK cascade and cell proliferation in renal epithelial Madin-Darby canine kidney cells. *Life Sciences* 86: 766–773

**Cat.11161** MEK1 (Phospho-Ser221) Antibody

53. Wenhua Yu, Ruifang Li, Bin Gui, et al.(2010) sZIP, An Alternative Splice Variant of ZIP, Antagonizes the Transcription Repression and Growth Inhibition by ZIP. *JBC Papers in Press*  
αEGFR from SAB (Signalway Antibody Co., Ltd., TX, USA).

54. Anneleen Spooren, Krzysztof Kolmus, Linda Vermeulen, et al.(2010) Hunting for Serine 276-phosphorylated p65. *Journal of Biomedicine and Biotechnology*, 2010, Article ID 275892, 9 doi:10.1155/2010/275892

**Cat.11011** NFκB-p65 (Phospho-Ser276) Antibody

55. Jianlin Zhou, Xi Qiao, et al.(2010)Identification and characterization of the novel protein CCDC106 that interacts with p53 and promotes its degradation. *FEBS Letters* 584 (2010) 1085–1090

**Rabbit polyclonal antibodies to human CCDC106 (Custom Service)**

56. Qingsong Wang, Jintang He, Lingyao Meng, et al.(2010)A Proteomics Analysis of Rat Liver Membrane Skeletons: The Investigation of Actin- and Cytokeratin-Based Protein Components. *Journal of Proteome Research*, 9, 22–29

**Cat.21103** β-Catenin (Ab-41/45) Antibody

**Cat.21211** β-Catenin (Ab-33) Antibody

**Cat.21212** β-Catenin (Ab-37) Antibody

57. Ramiro E. Toribio, Holly A. Brown, Chad M. Novince, et al.(2010)The midregion, nuclear localization sequence, and C terminus of PTHrP regulate skeletal development, hematopoiesis, and survival in mice. *The FASEB Journal*

58. Yazhou Cui, Tianliang Li, Denglu Zhang, et al.(2010)Expression of Ezrin and Phosphorylated Ezrin (pEzrin) in Pancreatic Ductal Adenocarcinoma. *Cancer Investigation* 28(3) 242-247

**Cat.11063** Ezrin (Phospho-Tyr353) Antibody

**Cat.11202** Ezrin (Phospho-Thr567) Antibody

59. Zhan Lixuan, Tao Wang, Wen Li, et al.(2010)hype of AKT/FoxO signaling pathway contributes to induction of neuroprotection against transient global cerebral ischemia by hypoxic pre-conditioning in adult rats. *Journal of Neurochemistry* doi: 10.1111/j.1471-4159.2010.06816.x

**Cat.11137** AFX (Phospho-Ser197) Antibody

**Cat.11115** FKHR (Phospho-Ser256) Antibody

**Cat.11157** FKHL1(Phospho-Ser253)Antibody

60. Alexandra V. Andreeva, Jingyan Han, Mikhail A. Kutuzov ,et al.(2010)T-cadherin modulates endothelial barrier function. *Journal of cellular Physiology*, 223(1) 1, 94 - 102

**Cat.11055** Akt (Phospho-Thr308) Antibody

61.Tan Wenfei, Cao Xuezhao,Wang Junke,et al. (2010)Tau hyperphosphorylation is associated with memory impairment after exposure to 1.5% isoflurane without temperature maintenance in rats. *European Journal of Anaesthesiology*, doi: 10.1097/EJA.0b013e32833a6561

**Cat.11108** Tau(Phospho-Thr205) Antibody

62. Soichiro Yamamura, Kazumori Kawakami, Hiroshi Hirata,et al(2010) Oncogenic Functions of Secreted Frizzled-Related Protein 2 in Human Renal Cancer. *Molecular Cancer Therapeutics*

**Cat.11024** c-Jun (Phospho-Thr239) Antibody

**Cat.11025** c-Jun (Phospho-Ser243) Antibody

63. Hanqian Xu, Gan Zhao, Xiaoxi Huang,et al (2010)CD40-expressing plasmid induces anti-CD40 antibody and enhances immune responses to DNA vaccination. *The Journal of Gene Medicine*.12(1).97-106

**Cat.11294** MEK1 (Phospho-Thr291) Antibody

**Cat.21286** MEK1 (Ab-291) Antibody

**Cat.L3012** Goat anti-Rabbit IgG Secondary antibody HRP conjugated

64. Yuhua Li , Yinbo Niu , Huanjie Wu,et al.(2010) PC-407, a celecoxib derivative, inhibited the growth of colorectal tumor in vitro *and in vivo*. *Cancer Science*,100(12) 2451 – 2458

**Cat.11219**  $\beta$ -Catenin (Phospho-Ser37) Antibody

65. Min Yang, Mingcan Yu, Dongyin Guan,et al(2010) ASK1-JNK signaling cascade mediates Ad-ST13-induced apoptosis in colorectal HCT116 cells. *Journal of Cellular Biochemistry*,110(3), 581 - 588

**Cat.11178** ASK1 (Phospho-Ser83) Antibody

**Cat.11179** ASK1 (Phospho-Ser966) Antibody

**Cat.21125** ASK1 (Ab-83) Antibody

**Cat.21134** ASK1 (Ab-966) Antibody

66. Weiye Wang, Chang Hoon Ha, Bong Sook Jhun,et al(2010)Fluid shear stress stimulates phosphorylation-dependent nuclear export of HDAC5 and mediates expression of KLF2 and eNOS. *Blood*, 115( 14), 2971-2979.

**Cat.11193** HDAC5 (Phospho-Ser498) Antibody

**Cat.21142** HDAC5 (Ab-498) Antibody

67. André Bento-Abreu, Ana Velasco, Erica Polo-Hernández,et al(2009)Albumin endocytosis via megalin in astrocytes is caveola- and Dab-1 dependent and is required for the synthesis of the neurotrophic factor oleic acid. *Journal of Neurochemistry*,111 (1), Pages 49 – 60

**Cat.11090** Caveolin-1 (Phospho-Tyr14) Antibody

68. Seyoon Kim, Yong Zu Lee, Yu Sam Kim, et al (2008) A Proteomic approach for protein-profiling the oncogenic *ras* induced transformation (H-, K-, and N-Ras) in NIH/3T3 mouse embryonic fibroblasts. *Proteomics*, 8 (15), 3082 – 3093

**Cat.11054** Akt (Phospho-Ser473) Antibody

**Cat.21054** Akt (Ab-473) Antibody

69. Sheng Xia, Xiaogang Li, Teri Johnson, et al (2010) Polycystin-dependent fluid flow sensing targets histone deacetylase 5 to prevent the development of renal cysts. *Development*, 137, 1075-1084.

**Cat.11193** HDAC5 (Phospho-Ser498) Antibody

70. Cheng-Ying Hsieh, Chien-Liang Liu, Ming-Jen Hsu, et al (2010) Inhibition of vascular smooth muscle cell proliferation of vitamin E derivative pentamethylhydroxychromane in an *in vitro* and *in vivo* study: Pivotal role of hydroxyl radical-mediated PLC $\gamma$ 1 and JAK2 phosphorylation. *Free Radical Biology and Medicine*, Article in Press, Accepted Manuscript

**Cat.11103** PLC $\gamma$ 1 (Phospho-Tyr783) Antibody

**Cat.21129** PLC $\gamma$ 1 (Ab-783) Antibody

71. Suzette Laing, Guohui Wang, Tamara Briazova, et al (2010) Airborne Particulate Matter Selectively Activates Endoplasmic Reticulum Stress Response in the Lung and Liver Tissues. *American Journal of Physiol Cell Physiol* (June 16, 2010). doi:10.1152/ajpcell.00529.2009

**Cat.11280** PKR (Phospho-Thr446) Antibody

**Cat.11290** PKR (Phospho-Thr451) Antibody

72. Qi Zhao, Takako Yokozawa, Noriko Yamabe, et al (2010) Kangen-karyu improves memory deficit caused by aging through normalization of neuro-plasticity-related signaling system and VEGF system in the brain. *Journal of Ethnopharmacology*, Article in Press

**Cat.21079** VEGFR2 (Ab-951) Antibody

73. Diansan Su, Yang Gu, Zhenhong Wang, Xiangrui Wang (2010) Lidocaine Attenuates Proinflammatory Cytokine Production Induced by Extracellular Adenosine Triphosphate in Cultured Rat Microglia. *Anesthesia & Analgesia*, 111 (3) 768-774

**Cat.11252** P38 MAPK (Phospho-Thr180) Antibody

**Cat.11253** P38 MAPK (Phospho-Tyr182) Antibody

**Cat.21245** p38 MAPK (Ab-182) Antibody

74. Kazuyoshi Motomura, Makoto Ishitobi, Yoshifumi Komoike, et al (2010) Expression of Estrogen Receptor Beta and Phosphorylation of Estrogen Receptor Alpha Serine 167 Correlate with Progression-Free Survival in Patients with Metastatic Breast Cancer Treated with Aromatase Inhibitors. *Oncology*, 79, 1-2

**Cat.11073** Estrogen Receptor- $\alpha$  (Phospho-Ser167) Antibody

75. Hirakawa Hiroshi, Nakayama Toshiyuki, Shibata Kenichiro et al (2009) Association of cellular localization of glycogen synthase kinase 3beta in the digestive tract with cancer development. *Oncology Reports*, 22(3), 481-485

**Cat.11301** GSK3 $\beta$  (Phospho-Tyr216) Antibody

76. Jack N. Losso, Robert E. Truax, Gerald Richard, et al (2010) trans-Resveratrol Inhibits Hyperglycemia-Induced Inflammation and Connexin Downregulation in Retinal Pigment Epithelial Cells. *Journal of Agricultural and Food Chemistry*, 58 (14), 8246–8252

**Cat.11172** PKC $\beta$ (Phospho-Thr641) Antibody

77. Xiaohan Li, Takeshi Nishida, Akira Noguchi, et al (2010) Decreased nuclear expression and increased cytoplasmic expression of ING5 may be linked to tumorigenesis and progression in human head and neck squamous cell carcinoma, *Journal of Cancer Research and Clinical Oncology*, 136( 10), 1573-1583

**Cat.21260** Histone H2A.X (Ab-139) Antibody

78. Lei Hana, Yang Yanga, Xiao Yue, et al (2010) Inactivation of PI3K/AKT signaling inhibits glioma cell growth through modulation of [beta]-catenin-mediated transcription. *Brain Research*, 1366, 9-17

**Cat.21211**  $\beta$ -Catenin (Ab-33) Antibody

79. Hyun Seung Ban, Masaharu Uno, Hiroyuki Nakamura, et al (2010) Suppression of hypoxia-induced HIF-1 [alpha] accumulation by VEGFR inhibitors: Different profiles of AAL993 versus SU5416 and KR633. *Cancer Letters*, 296, ( 1) 17-26

**Cat.21054** Akt (Ab-473) Antibody

80. Takuya Takeichi, Kazumitsu Sugiura, Yoshinao Muro, et al (2010) Overexpression of LEDGF/DFS70 Induces IL-6 via p38 Activation in HaCaT Cells, Similar to that Seen in the Psoriatic Condition. *Journal of Investigative Dermatology* 130, 2760-2767

**Cat.11045** STAT3 (Phospho-Tyr705) Antibody

**Cat.21045** STAT3 (Ab-705) Antibody

81. Funan Liu, Xiaodong Li, Chunyu Wang, et al (2009) Downregulation of p21 - activated kinase - 1 inhibits the growth of gastric cancer cells involving cyclin B1. *International Journal of Cancer*, 125( 11), 2511–2519,

anti-GST Antibody

82. Anastasia F. Thévenina, Chati L. Zonya, Brian J. Bahnson, et al (2010) Activation by phosphorylation and purification of human c-Jun N-terminal Kinase (JNK) isoforms in milligram amounts. *Protein Expression and Purification*, 75( 2), 138-146

**Cat.11249** SAPK/JNK (Phospho-Thr183) Antibody

83. Emilio García-Prieto, Adrián González-López, Sandra Cabrera, et al (2010) Resistance to Bleomycin-Induced Lung Fibrosis in MMP-8 Deficient Mice Is Mediated by Interleukin-10. *PLoS one*, 5(10):

e13242.

**Cat.11045** STAT3 (Phospho-Tyr705) Antibody

**Cat.21045** STAT3 (Ab-705) Antibody

84. Jing Qian, Chunyan Zhang, Xiaodong Cao, et al (2010) Versatile Immunosensor Using a Quantum Dot Coated Silica Nanosphere as a Label for Signal Amplification. *Analytical Chemistry*, 82 (15), 6422–6429

**Cat. L3012** Goat anti-Rabbit IgG Secondary antibody HRP conjugated

**Cat. I4001** Rabbit IgG

85. Yonggen Jia, Xinxin Zhao, Jingru Zou and Xun Suo (2011) Trypanosoma evansi: Identification and Characterization of a Variant Surface Glycoprotein Lacking Cysteine Residues in its C-terminal Domain. *Experimental Parasitology*, 127(1):100-6

**Cat. L3012** Goat anti-Rabbit IgG Secondary antibody HRP conjugated

86. Jelke J. Fros, Wen Jun Liu, Natalie A. Prow, et al (2010) Chikungunya virus nonstructural protein 2 inhibits type I/II interferon-stimulated JAK-STAT signaling. *Journal of Virology*, 84(20)10877-10887

**Cat.11044** STAT1 (Phospho-Tyr701) Antibody

87. Song Chen, Hedeel Guy Evans and David R. Evans (2010) FAM129B/minerva, a novel adherens junction associated protein suppresses apoptosis in hela cells. *Journal of Biological Chemistry*, 2010 - ASBMB

**Cat.21054** Akt (Ab-473) Antibody

**Cat.21111** CDK2 (Ab-160) Antibody

88. Jianying Xiao, Chao Liu, Junjie Hou, et al (2011) Ser149 is another potential PKA phosphorylation target of CDC25B in G2/M transition of fertilized mouse eggs. *JBC*

**Cat.11553** Cdc25B (Phospho-Ser149) Antibody

nonphospho-Cdc25BSer149

(1:200, Signalway Antibody)

89. Hongyan Shi, Liang Yuan, Yafeng Wu, Songqin Liu (2011) Colorimetric immunosensing via protein functionalized gold nanoparticle probe combined with atom transfer radical polymerization. *Biosensors and Bioelectronics*, Volume 26, Issue 9, Pages 3788-3793

**Cat. I4001** Rabbit immunoglobulin G (IgG)

**Cat. L3011** goat anti-rabbit IgG

90. Xi-Jin Wang, Shi Zhang, Zhi-Qiang Yan, et al (2011) Impaired CD200–CD200R-mediated microglia silencing enhances midbrain dopaminergic neurodegeneration: Roles of aging, superoxide, NADPH oxidase, and p38 MAPK. *Free Radical Biology and Medicine*, Volume 50, Issue 9, Pages 1094-1106

**Cat. 21106** ICAM-1 antibody

91. J. Bertrand, V. Plouffe, P. Sénéchal, N. Leclerc, et al (2010) The pattern of human tau phosphorylation is the result of priming and feedback events in primary hippocampal neurons. *Neuroscience*, Volume 168, Issue 2, Pages 323-334

**Cat. 11111** Tau(Phospho-Ser262)Antibody

[info@signalwayantibody.com](mailto:info@signalwayantibody.com)

Tel: 001-832-282-3083

[www.signalwayantibody.com](http://www.signalwayantibody.com)

Fax: 001-713-436-0887

92. Jing Qian, Haichao Dai, Xiaohu Pan, Songqin Liu, et al (2011) Simultaneous detection of dual proteins using quantum dots coated silica nanoparticles as labels. *Biosensors and Bioelectronics*, Volume 28, Issue 1, Pages 314-319

**Cat. I4001 rabbit IgG**

**Cat. L3011 Polyclonal goat anti-rabbit IgG**

93. Cong REN, Jia-Mou LI, Xin LIN (2010) LIPUS Enhance Elongation of Neurites in Rat Cortical Neurons through Inhibition of GSK-3 $\beta$ . *Biomedical and Environmental Sciences*, Volume 23, Issue 3, Pages 244-249

**Cat. 21002 rabbit anti-GSK-3 $\beta$  antibody**

**Cat. 11002 rabbit anti-phospho GSK-3 $\beta$  (Ser 9) antibody**

94. Yingjia Guo, Tong Yang, Jun Lu, et al (2011) Rb1 postconditioning attenuates liver warm ischemia-reperfusion injury through ROS-NO-HIF pathway. *Life Sciences*, Volume 88, Issues 13-14, Pages 598-605

**Cat. 11054 p-Akt antibody**

**Cat. 21054 rabbit polyclonal antibody against Akt**

95. Nana Ninagawa, Rumi Murakami, Eri Isobe, et al (2011) Mesenchymal stem cells originating from ES cells show high telomerase activity and therapeutic benefits. *Differentiation*, Volume 82, Issue 3, Pages 153-164

**Cat. 21187 anti- flk-1 antibody**

96. Hirokazu Hara, Yoko Nakamura, Masayuki Ninomiya, et al (2011) Inhibitory effects of chalcone glycosides isolated from *Brassica rapa* L. 'hidabeni' and their synthetic derivatives on LPS-induced NO production in microglia. *Bioorganic & Medicinal Chemistry*, Volume 19, Issue 18, Pages 5559-5568

**Cat. 11044 Anti-phospho-STAT1 (Thr701) antibody**

97. Xiao-han Li, Keiji Kikuchi, Yang Zheng, et al (2011) Downregulation and translocation of nuclear ING4 is correlated with tumorigenesis and progression of head and neck squamous cell carcinoma. *Oral Oncology*, Volume 47, Issue 3, March 2011, Pages 217-223

**Cat. 21260 Histone H2A.X(Ab-139)Antibody**

98. S. Otsuki, K. Sugiyama, O. Amano, T. Yasui, H. Sakagami (2011) Negative regulation of NaF-induced apoptosis by Bad-CaII complex. *Toxicology*, Volume 287, Issues 1-3, Pages 131-136

**Cat. 11068 BAD (Phospho-Ser136) Antibody**

99. Xueting Cai, Tingmei Ye, Chao Liu, et al (2011) Luteolin induced G2 phase cell cycle arrest and apoptosis on non-small cell lung cancer cells. *Toxicology in Vitro*, Volume 25, Issue 7, Pages 1385-1391

**Cat. 21110 Rb(Ab-780)Antibody**

**Cat. 11132 Rb(Phospho-Ser780)Antibody**

100. Jian Jiao, Hong Wang, Wei Lou, et al (2011) Regulation of ciliary beat frequency by the nitric oxide signaling pathway in mouse nasal and tracheal epithelial cells. *Experimental Cell Research*, Volume 317, Issue 17, Pages 2548-2553

**Cat. 21170 Anti-eNOS antibody**

101. Chao Han, Remi Quirion, Wenhua Zheng et al (2011) Glutamate attenuates IGF-1 receptor signaling via NR2B containing NMDA receptors and neuronal nitric oxide synthase. *Biochemical and Biophysical Research Communications*, In Press,

**Cat. 11088 anti-phospho-IGF-1R (1165/1166),**

**Cat. 21081 anti-IGF-1R (1165/1166)**

**Cat. 11055 anti-phospho-Akt-Ser308**

**Cat. 11054 anti-phospho-Akt-Thr473**

**Cat. 11005 anti-phospho-PDK1**

**Cat. 11245 anti-phospho-ERK1/2**

102. Maria C. Olanas, Simona Dedoni, Pierluigi Onali (2011) Signaling pathways mediating phosphorylation and inactivation of glycogen synthase kinase-3 $\beta$  by the recombinant human  $\delta$ -opioid receptor stably expressed in Chinese hamster ovary cells. *Neuropharmacology*, Volume 60, Issues 7-8, Pages 1326-1336

**Cat. 21257 rabbit polyclonal to MARCKS**

103. Rachel A. Hill, Maarten van den Buuse (2011) Sex-dependent and region-specific changes in TrkB signaling in BDNF heterozygous mice. *Brain Research*, Volume 1384, Pages 51-60

**Cat. 11328 rabbit anti-phosphorylated TrkB (phospho-Tyr705)**

104. Chao Yu, Ting Shan, Aiwen Feng, et al(2011) Triptolide ameliorates Crohn's colitis is associated with inhibition of TLRs/NF- $\kappa$ B signaling pathway. *Fitoterapia*, Volume 82, Issue 4, June 2011, Pages 709-715

**Cat. 21137 anti-Histone H3.1**

105. S. Clockaerts, Y.M. Bastiaansen-Jenniskens, C. Feijt, et al (2011) Peroxisome proliferator activated receptor alpha activation decreases inflammatory and destructive responses in osteoarthritic cartilage. *Osteoarthritis and Cartilage*, Volume 19, Issue 7, July 2011, Pages 895-902

**Cat. 21011 rabbit polyclonal NF- $\kappa$ B p65 antibody Ab-276**

106. Xiao-ning Gao, Ji Lin, Li Gao, et al (2011) MicroRNA-193b regulates c-Kit proto-oncogene and represses cell proliferation in acute myeloid leukemia. *Leukemia Research*, Volume 35, Issue 9, September 2011, Pages 1226-1232

**Cat. 11240 Phospho-c-Kit (Tyr721) antibody**

107. Dan Liu, Yi Huang, Jing Zeng, Bojiang Chen and Na Huang, et al. Down-regulation of JAK1 by RNA interference inhibits growth of the lung cancer cell line A549 and interferes with the PI3K/mTOR pathway. *Journal of Cancer Research and Clinical Oncology*, 2011, Volume 137, Number 11, Pages 1629-164

**Cat. 21119 JAK1**

**Cat. 11149 phosphorylated (p-)JAK1 (Tyr1022)**

**Cat. 11007 p-Gsk-3 $\alpha$  (Ser 21)**

**Cat. 11066 p-Bcl-xl (Ser62)**

**108.** Yi Huang, Dan Liu, Bojiang Chen, Jing Zeng and Lei Wang, *et al.* Loss of Bad expression confers poor prognosis in non-small cell lung cancer. *Medical Oncology*, 15 September 2011

## Cat. 21064 anti-Bad antibody

109. Tomasz Boczek, Anna Kozaczuk, Bozena Ferenc, Michalina Kosiorek and Slawomir Pikula, et al. Gene expression pattern in PC12 cells with reduced PMCA2 or PMCA3 isoform: selective up-regulation of calmodulin and neuromodulin. *Molecular and Cellular Biochemistry*, 12 September 2011

## Cat. 21052 Anti-CREB

### Cat. 11052 anti-phospho CREB antibodies

110. Qi Zhao, Takako Yokozawa, Koichi Tsuneyama, Ken Tanaka and Takeshi Miyata, et al. Chotosan (Diao Teng San)-induced improvement of cognitive deficits in senescence-accelerated mouse (SAMP8) involves the amelioration of angiogenic/neurotrophic factors and neuroplasticity systems in the brain. *Chinese Medicine*, 2011, Volume 6, Number 1, 33

## Cat. 21079 anti-VEGFR2 (Ab-951) rabbit polyclonal antibody

111. Yingjuan Yang, Jinzeng Yang, Rongxin Liu, Huixia Li and Xiao Luo, et al. Accumulation of  $\beta$ -catenin by lithium chloride in porcine myoblast cultures accelerates cell differentiation. *Molecular Biology Reports*, 2011, Volume 38, Number 3, Pages 2043-2049

## Cat. 11002 GSK3 $\beta$ (Phospho-Ser9)

112. Chen Shen, Xin-liang Zhao, Weina Ju, Xiao-bing Zou and Li-rong Huo, et al. (2011) A Proteomic Investigation of B Lymphocytes in an Autistic Family: A Pilot Study of Exposure to Natural Rubber Latex (NRL) May Lead to Autism. *Journal of Molecular Neuroscience*, Volume 43, Number 3, Pages 443-452 DOI 10.1007/s12031-010-9463-5

## NF- $\kappa$ B (nucleus factor-kappa B) p100/p52 (phospho-ser866)

113. Javad Hami, Ariane Sadr-Nabavi, Mojtaba Sankian, Mehdi Balali-Mood and Hossein Haghiri (2012) The effects of maternal diabetes on expression of insulin-like growth factor-1 and insulin receptors in male developing rat hippocampus. *Brain Structure and Function*, Online First™, Brain Struct Funct DOI 10.1007/s00429-011-0377-y

rabbit anti-IGF-1R

## Cat.No 21080 IGF-1R (Ab-1161) Antibody

## Cat.No 21081 IGF-1R (Ab-1165/1166) Antibody

## Cat.No 21302 IGF-1R (Ab-1280) Antibody

## Cat.No 21303 IGF-1R (Ab-1346) Antibody

HRP conjugated secondary antibody

**Cat.No L3012 Goat anti-Rabbit IgG Secondary antibody HRP conjugated**

114.Nan Li, Xiaodong Bu, Peng Wu, Pingping Wu and Peilin Huang(2012)The “HER2–PI3K/Akt–FASN Axis” Regulated Malignant Phenotype of Colorectal Cancer Cells. Lipids, Online First™, 10.1007/s11745-011-3649-7

human HER2

**Cat.No 21070 HER2 (Ab-877) Antibody**

**Cat.No 21071 HER2 (Ab-1221/1222) Antibody**

**Cat.No 21072 HER2 (Ab-1248) Antibody**

PI3K

**Cat.No 21508 PI3K P85  $\alpha/\gamma/\beta$  (Ab-467/199/464) Antibody**

Akt

**Cat.No 21054 Akt (Ab-473) Antibody**

**Cat.No 21055 Akt (Ab-308) Antibody**

115.Qiang Liu, Jin Zheng, Dan-Dan Yin, Jie Xiang, Fei He, Yao-Chun Wang, Liang Liang, Hong-Yan Qin, Li Liu, Ying-Min Liang, Hua Han(2011) Monocyte to macrophage differentiation-associated (MMD) positively regulates ERK and Akt activation and TNF- $\alpha$  and NO production in macrophages. Molecular Biology Reports, Online First™, DOI 10.1007/s11033-011-1370-5

**Cat.No 11054 Akt (Phospho-Ser473) Antibody**

**Cat.No 21054 Akt (Ab-473) Antibody**

116.Chen Hualin, Xu Wenli, Liu Dapeng, Li Xijing and Pan Xiuhua, et al(2011)The Anti-inflammatory Mechanism of Heme Oxygenase-1 Induced by Hemin in Primary Rat Alveolar Macrophages. Inflammation, DOI: 10.1007/s10753-011-9415-4

**Cat.No 11252 P38 MAPK (Phospho-Thr180) Antibody**

**Cat.No 11253 P38 MAPK (Phospho-Tyr182) Antibody**

117.Javad Hami, Ariane Sadr-Nabavi, Mojtaba Sankian and Hossein Haghiri(2011)Sex differences and left–right asymmetries in expression of insulin and insulin-like growth factor-1 receptors in developing rat hippocampus. Brain Structure and Function, Online First™,DOI

10.1007/s00429-011-0358-1

**Cat.No 21080 IGF-1R (Ab-1161) Antibody**

**Cat.No 21081 IGF-1R (Ab-1165/1166) Antibody**

**Cat.No 21302 IGF-1R (Ab-1280) Antibody**

**Cat.No 21303 IGF-1R (Ab-1346) Antibody**

**Cat.No L3012 Goat anti-Rabbit IgG Secondary antibody HRP conjugated**

118.Song Chen, Ai-ran Liu, Feng-mao An, Wen-bing Yao and Xiang-dong Gao(2011)Amelioration of neurodegenerative changes in cellular and rat models of diabetes-related Alzheimer's disease by exendin-4.The Official Journal of the American Aging Association.10.1007/s11357-011-9303-8

**Cat.No 11301 GSK3 $\beta$  (Phospho-Tyr216) Antibody**

119.Gyula Acsadi, Xingli Li, Kelley J. Murphy, Kathryn J. Swoboda and Graham C. Parker(2011)Alpha-Synuclein Loss in Spinal Muscular Atrophy.Journal of Molecular Neuroscience, Volume 43, Number 3, Pages 275-283 DOI 10.1007/s12031-010-9422-1

**Cat.No 21183  $\alpha$ -Synuclein (Ab-129) Antibody**

**Cat.No 21248 $\alpha$ -Synuclein (Ab-125) Antibody**

**Cat.No 21277  $\alpha$ -Synuclein (Ab-133) Antibody**

**Cat.No21278  $\alpha$ -Synuclein (Ab-136) Antibody**

120.Lu Ye, Gaopeng Li, Hongtao Li, Lili Wang and Yan Mao, et al(2011)Pseudomonas aeruginosa pvdQ Gene Prevents Caco-2 Cells from Obstruction of Quorum-Sensing Signal.Current Microbiology, Volume 62, Number 1, Pages 32-37 DOI 10.1007/s00284-010-9668-4

**Cat.No T503 Anti-DYKDDDDK Polyclonal Antibody**