

Published papers with SAB products

- Haitao Ji, Ji Wang, Heinz Nika, et al. (2009) EGF-Induced ERK Activation Promotes CK2-Mediated Disassociation of α -Catenin from β -Catenin and Transactivation of β -Catenin. *Molecular Cell*, 36:547–559
Cat.11330 α -catenin (Phospho-Ser641) antibody
- 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
- J Bossuyt, K Helmstadter, X Wu, et al. (2008) Ca²⁺/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
- 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
- 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
- RS Chen, YM Song, et al. (2008) Disruption of xCT inhibits cancer cell metastasis via the caveolin-1/ β -catenin pathway. *Oncogene*, 28, 599–609
Cat. 11253 P38 MAPK(Phospho-Tyr182) Antibody
- S Lim, M Luo, M Koh, et al. (2007) Distinct Mechanisms Involving Diverse Histone Deacetylases Repress Expression of the Two Gonadotropin β -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
- 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
- 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 α (Ab-51) Antibody
Cat.21053 ATF4 (Ab-245) Antibody
- 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 cyclearrest. **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 α 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- α (Ab-104) Antibody
- Cat. 21066** Estrogen Receptor- α (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. (2009) Therapeutic implications of Src independent calcium mobilization in diffuse large B-cell lymphoma. *Leukemia Research* in press.
- 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 (2009) Transactivation of human osteopontin promoter by human T-cell leukemia virus type 1-encoded Tax protein, *Leukemia Research* in press.
- 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*, In press

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

Cat.21211 β -Catenin (Ab-33) Antibody

Cat.21212 β -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- β antibody was obtained from **Signalway Antibody** (Pearland, TX).

45. Sheng-Li Lin, Li-Ying Yan, Xin-Tian Zhang, Ju Yuan, et al (2010) ER- α 36, a Variant of ER- α , 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 κ 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 δ (Phospho-Ser645) Antibody

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

Cat. 11142 Vav (Phospho-Tyr174) Antibody