

#11168

NMDAR2B (phospho-Tyr1474) Antibody

Catalog: #11168-1 50µl **Orders:** order@signalwayantibody.com
#11168-2 100µl **Support:** tech@signalwayantibody.com
Storage: Store at -20°C/1 year **Web:** www.signalwayantibody.com



Application	Species Reactivity	Source	Molecular Wt.
IF	Human Mouse Rat	Rabbit Polyconal Ab	190KD

Description: Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Specificity: The antibody detects endogenous level of NMDAR2B only when phosphorylated at Tyr1474.

Immunogen: Peptide sequence around phosphorylation site of Tyr1474 (H-V-Y(p)-E-K) derived from Human NMDAR2B.

Formulation: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Synonyms: GRIN2B NMDE2 NME2 NR2B NR3

Accession No.: Swiss-Prot#: Q13224 NCBI Gene#: 2904
NCBI Protein#: NP_000825.2

Background: NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.

References:

Babb TL et al. *Epilepsy Res.* 2005 Mar-Apr;64(1-2):23-30
Chazot PL. *Curr Med Chem.* 2004 Feb;11(3):389-96
Kakegawa W, et al. *Eur J Neurosci.* 2003 Feb;17(4):887-91

Citation:

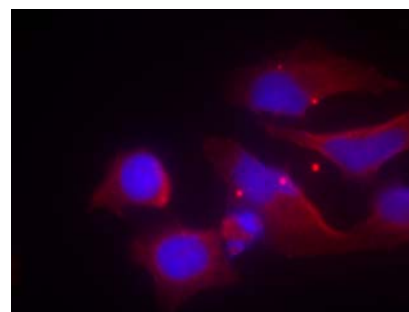
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Related Pathway: Neuroscience, Receptors, Channel

Note: For western blotting, incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.

Recommended Dilutions:

Immunofluorescence 1:100~1:200



Immunofluorescence staining of methanol-fixed HeLa cells using NMDAR2B (phospho-Tyr1474) antibody #11168.