

NMDAR2B (Phospho-Tyr1336) Antibody

Catalog No: #11959



Package Size: #11959-1 50ul #11959-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

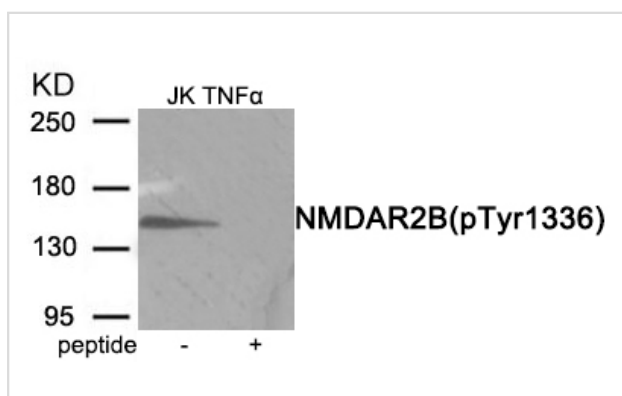
Description

Product Name	NMDAR2B (Phospho-Tyr1336) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of NMDAR2B only when phosphorylated at tyrosine 1336.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Tyrosine1336 (S-P-Y(p)-A-H) derived from Human NMDAR2B.
Target Name	NMDAR2B
Modification	Phospho
Other Names	GRIN2B; hNR3; NME2; NR3; NMDE2
Accession No.	Swiss-Prot#: Q13224; NCBI Gene#: 2904; NCBI Protein#: NP_000825.2
SDS-PAGE MW	150kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from Jurkat cells treated with TNF using Phospho-NMDAR2B (Tyr1336) antibody #11959. The lane on the right is treated with the antigen-specific peptide.

Background

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

Morel V, et al. (2013) Eur J Pharmacol 721, 382-90.

Peng HY, et al. (2010) Am J Physiol Renal

Physiol 298, F109-17.

Wu HY, et al. (2007) J Biol Chem 282, 20075-87.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.