

NMDAR2B(Phospho-Tyr1336) polyclonal antibody

Catalog: BS65150

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

glutamate ionotropic receptor NMDA type subunit 2B (GRIN2B) Homo sapiens N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain. [provided by RefSeq, Jul 2008],

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 150 kDa

Swiss-Prot:

Q13224

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Storage&Stability:

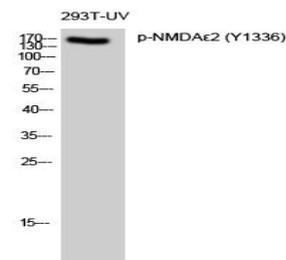
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Phospho-NMDAε2 (Y1336) Polyclonal Antibody detects endogenous levels of NMDAε2 protein only when phos-

phorylated at Y1336.

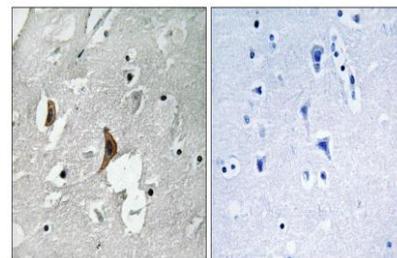
DATA:



Western Blot analysis of 293T-UV cells using Phospho-NMDA ε 2 (Y1336) Polyclonal Antibody diluted at 1: 500



Western blot analysis of lysates from Jurkat cells treated with TNF 20ng/ml 30', using NMDAR2B (Phospho-Tyr1336) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using NMDAR2B (Phospho-Tyr1336) Antibody. The picture on the right is blocked with the phospho peptide.

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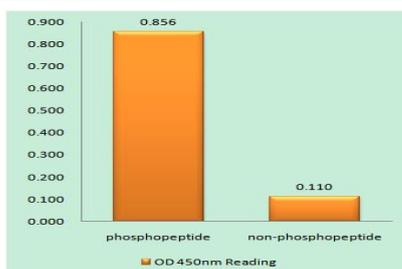
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PRODUCT DATA SHEET

Bioworld Technology, Inc.



Note:

For research use only, not for use in diagnostic procedure.

Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using NMDAR2B (Phospho-Tyr1336) Antibody

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