NMDAR1(Phospho-Ser890)polyclonal antibody

Catalog: BS65216 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

glutamate ionotropic receptor NMDA type subunit 1(GRIN1) Homo sapiens The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. These subunits play a key role in the plasticity of synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008],

Product:

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

Molecular Weight:

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Swiss-Prot:

Q05586

Purification&Purity:

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

Applications:

Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

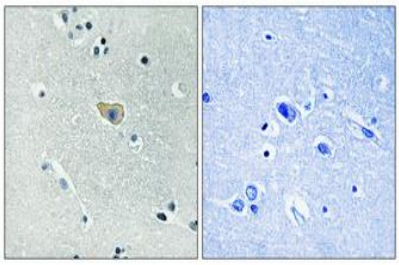
Storage&Stability:

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

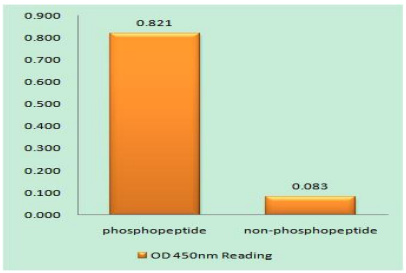
Specificity:

Phospho-NMDAζ1 (S890) Polyclonal Antibody detects endogenous levels of NMDAζ1 protein only when phosphorylated at S890.

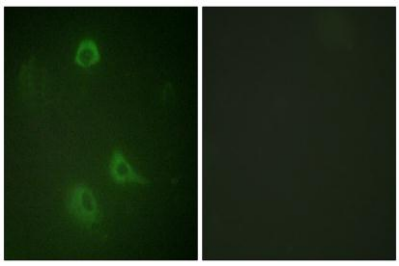
DATA:



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4 °overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using NMDAR1 (Phospho-Ser890) Antibody



Immunofluorescence analysis of A549 cells, using NMDAR1 (Phospho-Ser890) Antibody. The picture on the right is blocked with the phospho peptide.

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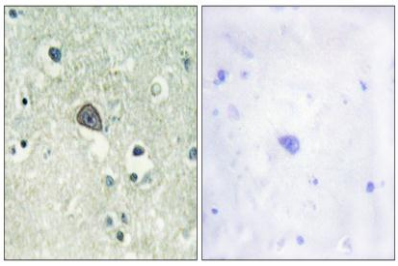

Immunohistochemistry analysis of paraffin-embedded human brain, using NMDAR1 (Phospho-Ser890) Antibody. The picture on the right is blocked with the phospho peptide.

Note:

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

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