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Phospho-GRIN2B-Y1474 Rabbit pAb

Catalog No.: AP0357

Basic Information

Observed MW
200kDa

Calculated MW
166kDa

Category
Primary antibody

Applications
WB

Cross-Reactivity
Human

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
2904

Swiss Prot
Q13224

Immunogen
A synthetic phosphorylated peptide around Y1474 of human GRIN2B (NP_000825.2).

Synonyms
GRIN2B;EIEE27;GluN2B;MRD6;NMDAR2B;NR2B;hNR3

Contact

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Product Information

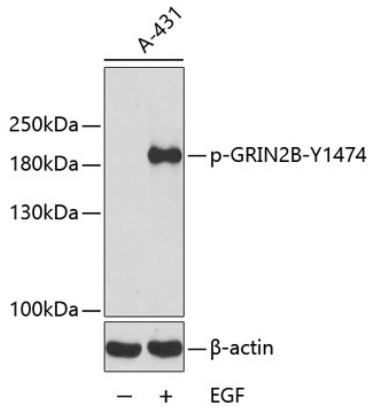
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts from A431 cells, using Phospho-GRIN2B-Y1474 antibody (AP0357).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% BSA.