

GRIN2A

Reactivity:Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:1000

Calculated MW:165kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human GRIN2A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

100 µg/ml

Synonym:

EPND; NR2A; GluN2A; NMDAR2A;

Catalog #:A0924

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:2903

Isotype:IgG

Swiss Prot:Q12879

Purity:Affinity purification

For research use only.

Background:

N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate-gated ion channels. These receptors have 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 the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C) and NMDAR2D (GRIN2D). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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