

GRIN1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 105kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human GRIN1

Storage Buffer:

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

Concentration:

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Synonym:

NR1; MRD8; GluN1; NMDA1; NMD-R1; NMDAR1;

Catalog #: A7677

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2902

Isotype: IgG

Swiss Prot: Q05586

Purity: Affinity purification

For research use only.

Background:

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.

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