

## 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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