

## GRIA1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

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

**Calculated MW:**105kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human GRIA1

**Storage Buffer:**

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

**Concentration:**

gi

**Synonym:**

GLUH1; GLUR1; GLURA; GluA1; HBGR1;

**Catalog #:**A1826

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2890

**Isotype:**IgG

**Swiss Prot:**P42261

**Purity:**Affinity purification

For research use only.

**Background:**

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes with multiple subunits, each possessing transmembrane regions, and all arranged to form a ligand-gated ion channel. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. This gene belongs to a family of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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