



GRIA1 Antibody

#24325

Catalog Number: 24325-1, 24325-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P42261

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human GRIA1

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: GRIA1 Antibody detects endogenous levels of total GRIA1

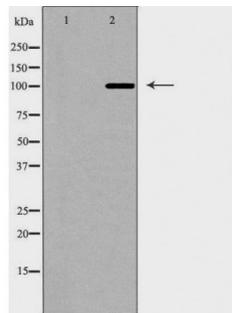
Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 105kd

WB: 1:500-2000

IHC: 1:50-200



Western blot analysis of extracts of Rat braincell line, using GRIA1 antibody.

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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