

GRIA4 Rabbit Polyclonal Antibody



CAB1492

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

101kDa

Calculated MW:

49kDa/100kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:4000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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 composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA; R->G). Alternative splicing of this gene results in transcript variants encoding different isoforms, which may vary in their signal transduction properties. Some haplotypes of this gene show a positive association with schizophrenia.

Immunogen information

Gene ID:

2893

Uniprot

P48058

Synonyms:

GRIA4; GLUR4; GLUR4C; GLURD; GluA4

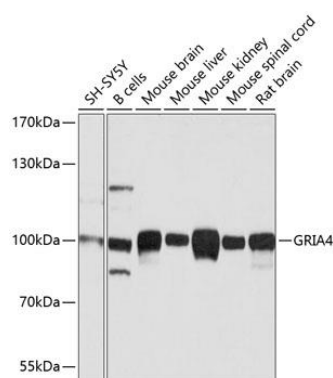
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 254-433 of human GRIA4 (NP_001070712.1).

Storage:

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

Product Images



Western blot analysis of extracts of various cell lines, using GRIA4 antibody (CAB1492) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.