GRIA3 Rabbit Polyclonal Antibody

CAB1159

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

101kDa

Calculated MW:

101kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

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 at this locus results in different isoforms, which may vary in their signal transduction properties.

Immunogen information

Gene ID:
2892

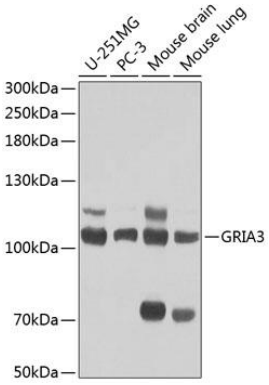
Uniprot
P42263

Synonyms:
GRIA3; GLUR-C; GLUR-K3; GLUR3; GLURC; GluA3; MRX94

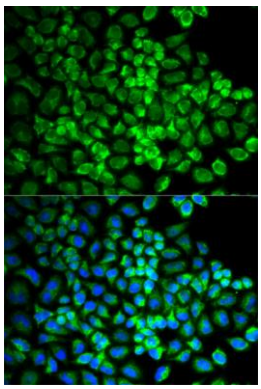
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 200-490 of human GRIA3 (NP_000819.3).

Storage:
Store at -20℃. 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 GRIA3 antibody (CAB1159) 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.



Immunofluorescence analysis of U2OS cells using GRIA3 antibody (CAB1159). Blue: DAPI for nuclear staining.

