

GRIA1 Polyclonal Antibody

Catalog No.	A1826	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	110kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	92kDa/93kDa/101kDa/102kDa

Immunogen Information

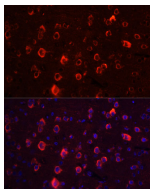
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 19-300 of human GRIA1 (NP_000818.2).
Gene ID	2890
Swiss prot	P42261
Synonyms	GRIA1; GLUH1; GLUR1; GLURA; GluA1; HBGR1; glutamate receptor 1

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

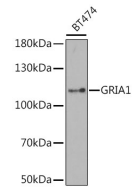


Immunofluorescence - GRIA1 Polyclonal Antibody (A1826)

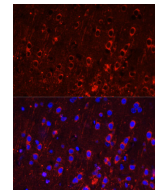
Recommended Dilutions

WB 1:500 - 1:2000

IF 1:50 - 1:200



Western blot - GRIA1 Polyclonal Antibody (A1826)



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