

For Research Use Only

GRIA1 Polyclonal antibody

Catalog Number: 27885-1-AP



Basic Information

Catalog Number: 27885-1-AP	GenBank Accession Number: BC111734	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 2890	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: glutamate receptor, ionotropic, AMPA 1	
Isotype: IgG	Calculated MW: 906 aa, 102 kDa	
Immunogen Catalog Number: AG27295	Observed MW: 102 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue, pig brain tissue
Species Specificity: Human, Mouse, Pig	

Background Information

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.

Storage

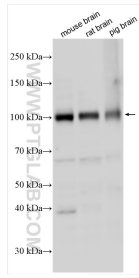
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27885-1-AP (GRIA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.