

For Research Use Only

GRIA1 Polyclonal antibody

Catalog Number: 27885-1-AP



Basic Information

Catalog Number:

27885-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27295

GenBank Accession Number:

BC111734

GeneID (NCBI):

2890

UNIPROT ID:

P42261

Full Name:

glutamate receptor, ionotropic, AMPA

1

Calculated MW:

906 aa, 102 kDa

Observed MW:

102 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Pig, rat

Positive Controls:

WB: mouse brain tissue, rat brain tissue, pig brain tissue

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

For technical support and original validation data for this product please contact:

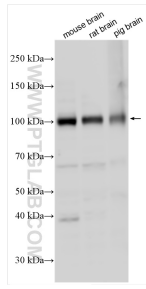
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.