

For Research Use Only

GRIA4 Polyclonal antibody

Catalog Number: 23350-1-AP **11 Publications**



Basic Information

Catalog Number:

23350-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19949

GenBank Accession Number:

BC167786

GeneID (NCBI):

2893

UNIPROT ID:

P48058

Full Name:

glutamate receptor, ionotropic,

AMPA 4

Calculated MW:

902 aa, 101 kDa

Observed MW:

101 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total

protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IP, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: rat brain tissue, mouse brain tissue, mouse cerebellum tissue

IP: mouse brain tissue,

IHC: mouse brain tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Andrew E Arrant	33197149	Ann Clin Transl Neurol	WB
Dan Yao	35427874	J Psychiatr Res	WB
Qin Yang	30038264	Cell Death Dis	IP

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:

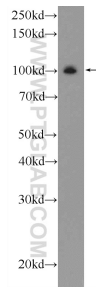
T: 4006900926

E: Proteintech-CN@ptglab.com

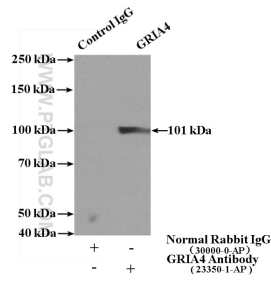
W: ptgcn.com

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

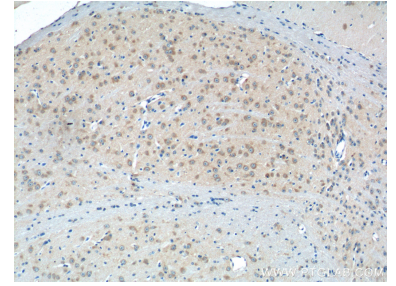
Selected Validation Data



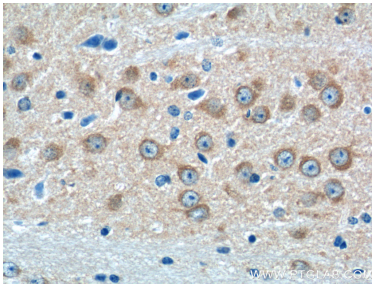
rat brain tissue were subjected to SDS PAGE followed by western blot with 23350-1-AP (GRIA4 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-GRIA4 (IP:23350-1-AP, 4ug; Detection:23350-1-AP 1:300) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 23350-1-AP (GRIA4 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 23350-1-AP (GRIA4 Antibody) at dilution of 1:50 (under 40x lens).