

For Research Use Only

GRIA4 Polyclonal antibody

Catalog Number: 23350-1-AP **8 Publications**



Basic Information

Catalog Number: 23350-1-AP	GenBank Accession Number: BC167786	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2893	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB IHC 1:20-1:200
Source: Rabbit	Full Name: glutamate receptor, ionotropic, AMPA 4	
Isotype: IgG	Calculated MW: 902 aa, 101 kDa	
Immunogen Catalog Number: AG19949	Observed MW: 101 kDa	

Applications

Tested Applications: FC, IHC, IP, WB, ELISA	Positive Controls: WB: rat brain tissue, mouse brain tissue, mouse cerebellum tissue IP: mouse brain tissue, IHC: mouse brain tissue,
Cited Applications: IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, rat	

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

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

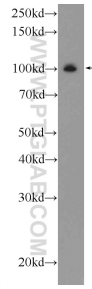
Storage

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

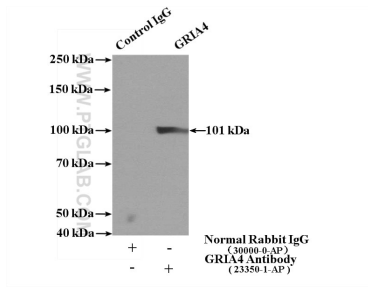
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

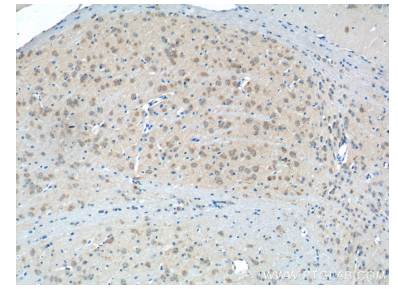
Selected Validation Data



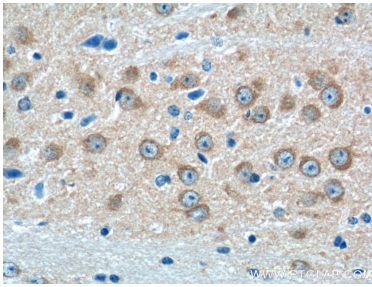
rat brain tissue were subjected to SDS PAGE followed by western blot with 23350-1-AP (GRIA4 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



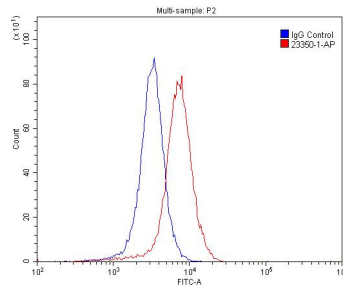
IP Result of anti-GRIA4 (IP:23350-1-AP, 4ug; Detection:23350-1-AP 1:300) with mouse brain tissue lysate 4000ug.



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).



1X10⁶ SH-SY5Y cells were stained with 0.2ug GRIA4 antibody (23350-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.