

For Research Use Only

GRIA1 Monoclonal antibody

Catalog Number: 67642-1-Ig **9 Publications**



Basic Information

Catalog Number: 67642-1-Ig	GenBank Accession Number: BC111734	Purification Method: Protein A purification
Size: 150ul, Concentration: 1100 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2890	CloneNo.: 1F4A1
Source: Mouse	UNIPROT ID: P42261	Recommended Dilutions: WB 1:20000-1:100000 IHC 1:5000-1:20000 IF 1:200-1:800
Isotype: IgG2b	Full Name: glutamate receptor, ionotropic, AMPA 1	
Immunogen Catalog Number: AG28932	Calculated MW: 906 aa, 102 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:

WB, IF, IHC, ELISA

Cited Applications:

WB, IP, IF, IHC

Species Specificity:

Human, Pig, Mouse, Rat, Rabbit

Cited Species:

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, pig spinal cord tissue, pig cerebellum tissue, pig brain tissue, rat cerebellum tissue, mouse brain tissue, mouse cerebellum tissue, rabbit brain tissue

IHC: mouse brain tissue,

IF: mouse brain tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
YuanYuan Hou	34710402	Exp Neurol	WB
Lei Wu	33044778	Phytother Res	WB
Dan Yao	35427874	J Psychiatr Res	WB

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

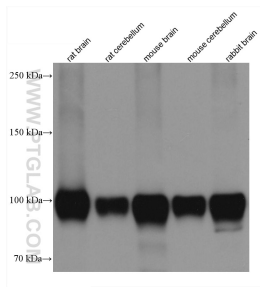
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

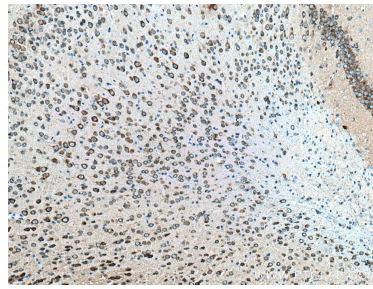
E: proteintech@ptglab.com
W: ptglab.com

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

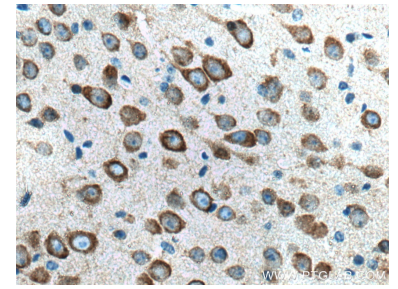
Selected Validation Data



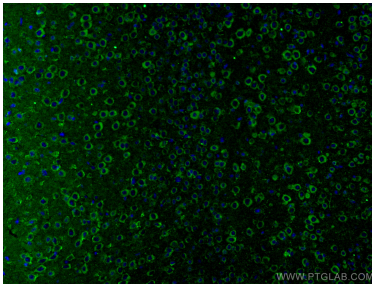
Various lysates were subjected to SDS PAGE followed by western blot with 67642-1-Ig (GRIA1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



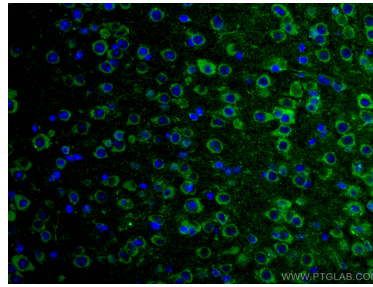
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67642-1-Ig (GRIA1 antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67642-1-Ig (GRIA1 antibody) at dilution of 1:10000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using GRIA1 antibody (67642-1-Ig, Clone: 1F4A1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using GRIA1 antibody (67642-1-Ig, Clone: 1F4A1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).