

For Research Use Only

NMDAR1/GRIN1 Polyclonal antibody



Catalog Number: 27676-1-AP **9 Publications**

Basic Information

Catalog Number: 27676-1-AP	GenBank Accession Number: NM_000832	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 2902	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: Q05586	
Isotype: IgG	Full Name: glutamate receptor, ionotropic, N-methyl D-aspartate 1	
Immunogen Catalog Number: AG26364	Calculated MW: 105 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications: WB, IHC, IF-P, IP, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue IP : mouse brain tissue, IHC : mouse cerebellum tissue, mouse brain tissue IF-P : mouse brain tissue,
Cited Applications: WB, IHC, IP	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Pengcheng Ma	36179027	Sci Adv	WB
Zhao-Hui Yao	33539323	Aging (Albany NY)	WB
Zhangjie Wu	39094756	J Ethnopharmacol	WB

Storage

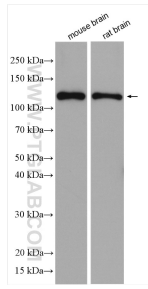
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

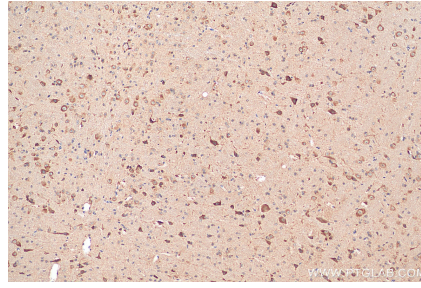
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

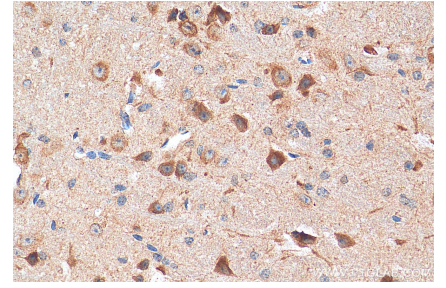
Selected Validation Data



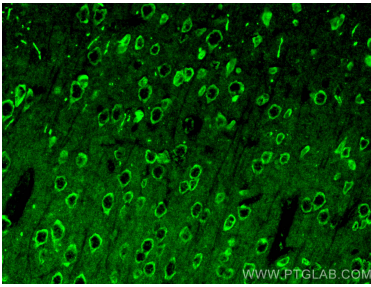
Various lysates were subjected to SDS PAGE followed by western blot with 27676-1-AP (NMDAR1/GRIN1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



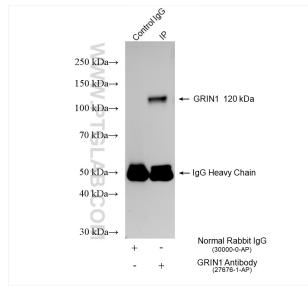
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 27676-1-AP (NMDAR1/GRIN1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 27676-1-AP (NMDAR1/GRIN1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using NMDAR1/GRIN1 antibody (27676-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-NMDAR1/GRIN1 (IP:27676-1-AP, 4ug; Detection:27676-1-AP 1:2000) with mouse brain tissue lysate 2100 ug.