

For Research Use Only

# NMDAR1/GRIN1 Monoclonal antibody

Catalog Number: 67717-1-Ig 4 Publications



## Basic Information

Catalog Number: 67717-1-Ig	GenBank Accession Number: NM_000832	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2902	CloneNo.: 1H2C2
Source: Mouse	Full Name: glutamate receptor, ionotropic, N-methyl D-aspartate 1	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:500-1:2000 IF-P 1:250-1:1000
Isotype: IgG1	Calculated MW: 105 kDa	
Immunogen Catalog Number: AG26364	Observed MW: 105-120 kDa	

## Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls:
Cited Applications: WB, IF	WB : pig brain tissue, rabbit cerebellum tissue, rat brain tissue, mouse brain tissue, chicken brain tissue
Species Specificity: human, mouse, rat, rabbit, chicken	IHC : mouse cerebellum tissue,
Cited Species: mouse, rat	IF-P : mouse brain tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Notable Publications

Author	Pubmed ID	Journal	Application
Hanyu Luo	39767788	Biomedicines	IF
Carlos Nascimento	38540244	Biomedicines	WB
Hanyu Luo	38298637	Heliyon	

## Storage

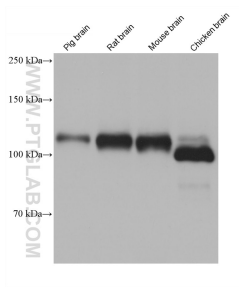
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

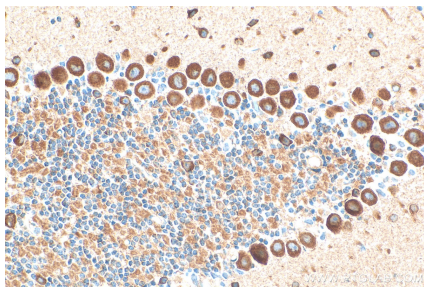
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

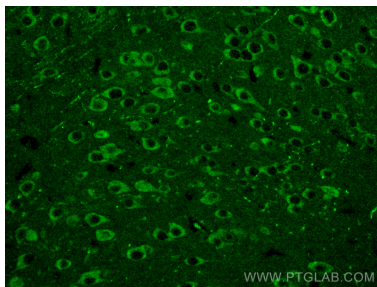
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67717-1-Ig (NMDAR1/GRIN1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67717-1-Ig (NMDAR1/GRIN1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using NMDAR1/GRIN1 antibody (67717-1-Ig, Clone: 1H2C2 ) at dilution of 1:500 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).