

For Research Use Only

NMDAR1/GRIN1 Monoclonal antibody

Catalog Number: 67717-1-Ig 4 Publications



Basic Information

Catalog Number:

67717-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG26364

GenBank Accession Number:

NM_000832

GeneID (NCBI):

2902

Full Name:

glutamate receptor, ionotropic, N-methyl D-aspartate 1

Calculated MW:

105 kDa

Observed MW:

105-120 kDa

Purification Method:

Protein G purification

CloneNo.:

1H2C2

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:500-1:2000

IF-P 1:250-1:1000

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat, rabbit, chicken

Cited Species:

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

Positive Controls:

WB : pig brain tissue, rabbit cerebellum tissue, rat brain tissue, mouse brain tissue, chicken brain tissue

IHC : mouse cerebellum tissue,

IF-P : mouse brain tissue,

Background Information

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

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

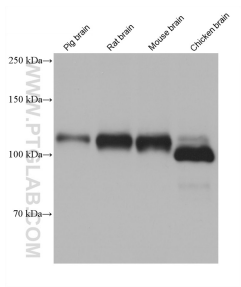
T: 4006900926

E: Proteintech-CN@ptglab.com

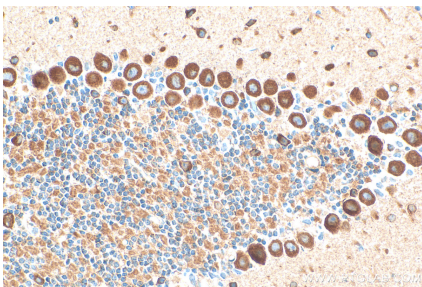
W: ptgcn.com

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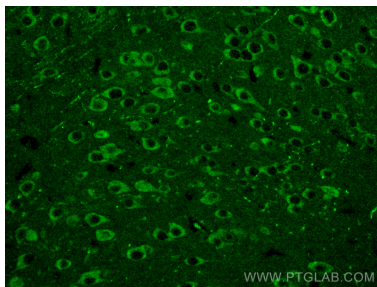
Selected Validation Data



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).