

For Research Use Only

# NMDAR2A/GRIN2A Polyclonal antibody

Catalog Number: 28571-1-AP

3 Publications



## Basic Information

Catalog Number:

28571-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29423

GenBank Accession Number:

NM\_000833

GeneID (NCBI):

2903

UNIPROT ID:

Q12879

Full Name:

glutamate receptor, ionotropic, N-methyl D-aspartate 2A

Calculated MW:

165 kDa

Observed MW:

180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:500-1:2000

IF-P 1:50-1:500

## Applications

Tested Applications:

WB, IF-P, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Mouse, Rat

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 : mouse brain tissue, rat brain tissue

IHC : mouse brain tissue, mouse cerebellum tissue

IF-P : mouse brain tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Shukun Jiang	35985400	Behav Brain Res	WB
Yunyi Huang	39017956	Neurochem Res	WB
Chuan Jiang	38034773	Heliyon	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

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

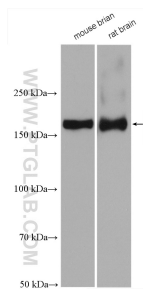
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

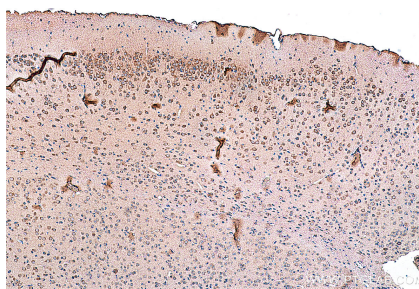
W: [ptgcn.com](http://ptgcn.com)

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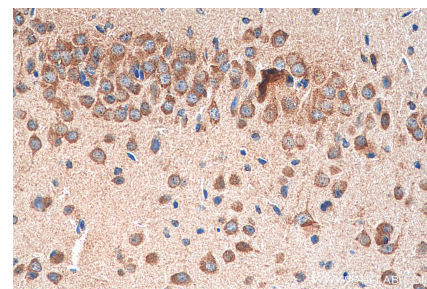
## Selected Validation Data



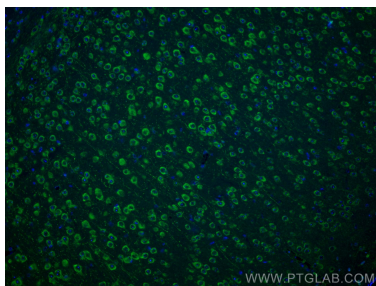
Various lysates were subjected to SDS PAGE followed by western blot with 28571-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



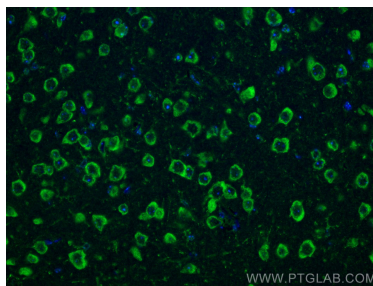
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28571-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28571-1-AP (NMDAR2A/GRIN2A 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 mouse brain tissue using NMDAR2A/GRIN2A antibody (28571-1-AP) at dilution of 1:200 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using NMDAR2A/GRIN2A antibody (28571-1-AP) at dilution of 1:200 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).