

For Research Use Only

# NMDAR2A/GRIN2A Polyclonal antibody

Catalog Number: 28571-1-AP

3 Publications



## Basic Information

### Catalog Number:

28571-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

### 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, IHC, IF-P, 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,

## 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

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

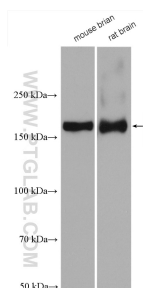
For technical support and original validation data for this product please contact:

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

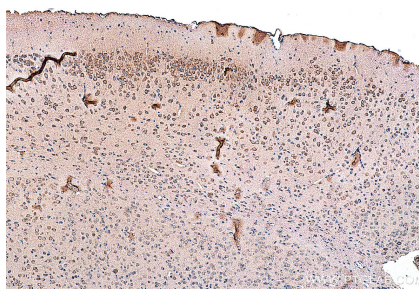
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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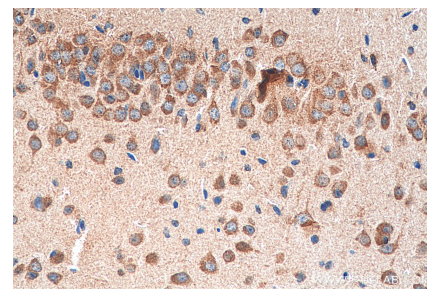
## Selected Validation Data



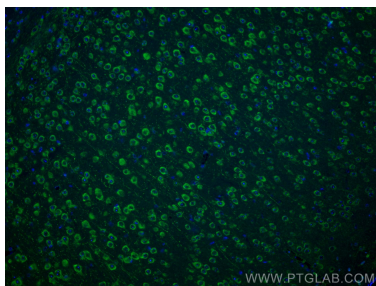
Various lysates were subjected to SDS PAGE followed by western blot with 28571-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



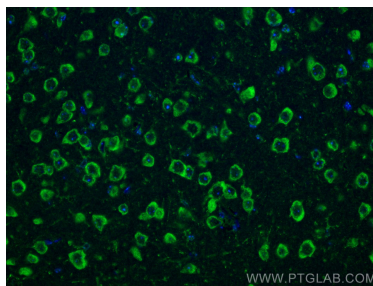
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28571-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).