

For Research Use Only

# NMDAR2A/GRIN2A Polyclonal antibody



Catalog Number: 28571-1-AP

2 Publications

## Basic Information

<b>Catalog Number:</b> 28571-1-AP	<b>GenBank Accession Number:</b> NM_000833	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2903	<b>Recommended Dilutions:</b> WB 1:2000-1:12000 IHC 1:500-1:2000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> glutamate receptor, ionotropic, N-methyl D-aspartate 2A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 165 kDa	
<b>Immunogen Catalog Number:</b> AG29423	<b>Observed MW:</b> 180 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> Human, Mouse, Rat	<b>IHC :</b> mouse brain tissue, mouse cerebellum tissue
<b>Cited Species:</b> rat, mouse	<b>IF :</b> 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>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Shukun Jiang	35985400	Behav Brain Res	WB
Chuan Jiang	38034773	Heliyon	WB

## Storage

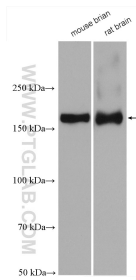
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

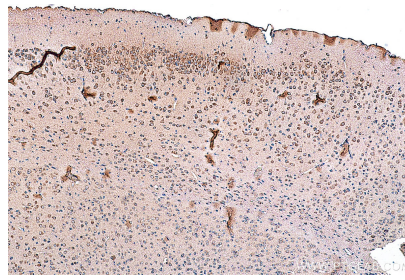
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

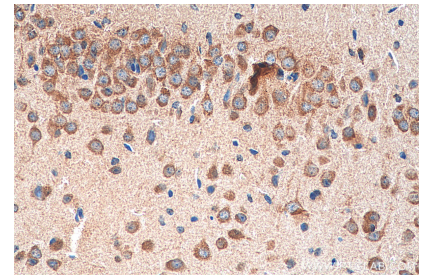
## Selected Validation Data



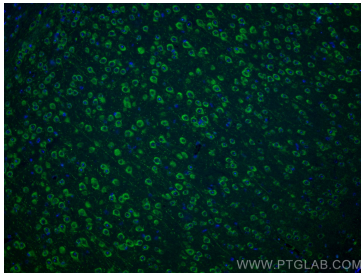
Various lysates were subjected to SDS PAGE followed by western blot with 28571-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



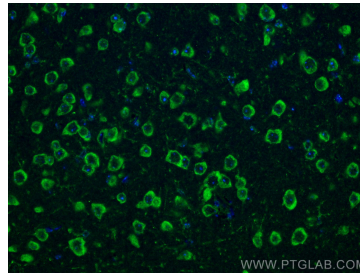
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28571-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 AffiniPure 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 AffiniPure Goat Anti-Rabbit IgG(H+L).