For Research Use Only

NMDAR2B/GRIN2B Polyclonal antibody

Catalog Number:21920-1-AP

Featured Product 111 Publications

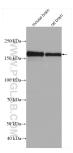


tissue IP : mouse bi IHC : mouse IF-P : mouse	brain tissue, human brain tissue, rat brai rain tissue, brain tissue, human brain tissue brain tissue, H-SY5Y cells,
D: receptor, ionotropic, N- ispartate 2B MW: 56 kDa MW: 56 kDa MW: Fositive Cor WB : mouse l tissue IP : mouse bu IHC : mouse IF-P : mouse FC (Intra) : S FC : SH-SYSM	WB: 1:500-1:4000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC: 1:50-1:500 IF-P: 1:50-1:500 FC (Intra): 0.20 ug per 10^6 cells in a 100 µl suspension FC: 0.20 ug per 10^6 cells in a 100 µl suspension htrols: brain tissue, human brain tissue, rat brain rain tissue, human brain tissue brain tissue, human brain tissue
receptor, ionotropic, N- ispartate 2B MW: 56 kDa WW: Positive Cor WB : mouse l tissue IP : mouse bi IHC : mouse IF-P : mouse FC (Intra) : S with FC : SH-SYSW	protein lysate IHC: 1:50-1:500 IF-P: 1:50-1:500 FC (Intra): 0.20 ug per 10^6 cells in a 100 µl suspension FC: 0.20 ug per 10^6 cells in a 100 µl suspension htrols: brain tissue, human brain tissue, rat brai rain tissue, brain tissue, human brain tissue brain tissue,
receptor, ionotropic, N- ispartate 2B MW: 56 kDa WW: Positive Cor WB : mouse l tissue IP : mouse bu IHC : mouse IF-P : mouse FC (Intra) : S FC : SH-SYSW	IHC: 1:50-1:500 IF-P: 1:50-1:500 FC (Intra): 0.20 ug per 10^6 cells in a 100 µl suspension FC: 0.20 ug per 10^6 cells in a 100 µl suspension htrols: brain tissue, human brain tissue, rat brai rain tissue, brain tissue, human brain tissue brain tissue, H-SY5Y cells,
receptor, ionotropic, N- ispartate 2B MW: 56 kDa WW: Positive Cor WB : mouse l tissue IP : mouse bu IHC : mouse IF-P : mouse FC (Intra) : S FC : SH-SYSW	IF-P: 1:50-1:500 FC (Intra): 0.20 ug per 10^6 cells in a 100 µl suspension FC: 0.20 ug per 10^6 cells in a 100 µl suspension trols: brain tissue, human brain tissue, rat brai rain tissue, brain tissue, human brain tissue brain tissue,
Aspartate 2B MW: 56 kDa WW: Positive Cor WB : mouse lissue IP : mouse bi IHC : mouse IF-P : mouse FC (Intra) : S FC : SH-SYSW	100 µl suspension FC: 0.20 ug per 10^6 cells in a 100 µl suspension htrols: brain tissue, human brain tissue, rat brai rain tissue, brain tissue, human brain tissue brain tissue, H-SY5Y cells,
56 kDa WW: Positive Cor WB : mouse la tissue IP : mouse ba IHC : mouse IF-P : mouse FC (Intra) : S with FC : SH-SYSW	FC: 0.20 ug per 10 <sup>6</sup> cells in a 100 µl suspension htrols: brain tissue, human brain tissue, rat brai rain tissue, brain tissue, human brain tissue brain tissue, H-SY5Y cells,
Positive Cor WB : mouse l tissue IP : mouse bu IHC : mouse IF-P : mouse FC (Intra) : S rith FC : SH-SYSY	brain tissue, human brain tissue, rat brai rain tissue, brain tissue, human brain tissue brain tissue, H-SY5Y cells,
WB : mouse b tissue IP : mouse b IHC : mouse IF-P : mouse FC (Intra) : S FC : SH-SYSY	brain tissue, human brain tissue, rat brai rain tissue, brain tissue, human brain tissue brain tissue, H-SY5Y cells,
tissue IP : mouse bi IHC : mouse IF-P : mouse FC (Intra) : S with FC : SH-SYSN	rain tissue, brain tissue, human brain tissue brain tissue, H-SY5Y cells,
IP : mouse bi IHC : mouse IF-P : mouse FC (Intra) : S with FC : SH-SYSN	brain tissue, human brain tissue brain tissue, H-SY5Y cells,
IHC : mouse IF-P : mouse FC (Intra) : S FC : SH-SY51	brain tissue, human brain tissue brain tissue, H-SY5Y cells,
IF-P : mouse FC (Intra) : S FC : SH-SY5 Ten	brain tissue, H-SY5Y cells,
FC (Intra) : S rith FC : SH-SY5Y	H-SY5Y cells,
rith FC : SH-SY5Y	
en	cetts,
mily. NMDA receptors are tic transmission and plas eromeric assemblies con luN1 isoforms, four GluN2 ations within GRIN2B gen	-D-aspartate (NMDA) receptor family widely expressed in the central nervou ticity (PMID: 23223336). NMDA receptor posed of four homologous subunits with 2 subunits (A-D) and two GluN3 subunits ne are associated with ion deficit hyperactivity disorder,
Journal	Application
Sci Adv	WB
Mol Neurodegener	WB
J Mol Neurosci	WB
	Sci Adv Mol Neurodegener

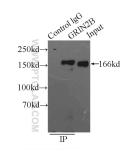
For technical support and original validation data for this product please contact: T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

## Selected Validation Data



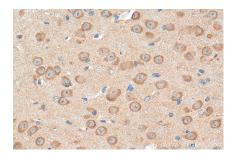
mouse brain tissue were subjected to SDS PAGE followed by western blot with 21920-1-AP (NMDAR2B/GRIN2B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



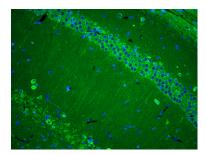
IP result of anti-NMDAR2B/GRIN2B (IP:21920-1-AP, 3ug; Detection:21920-1-AP 1:2000) with mouse brain tissue lysate 6000ug.



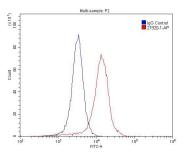
Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 21920-1-AP (NMDAR2B/GRIN2B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 21920-1-AP (NMDAR2B/GRIN2B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using NMDAR2B/GRIN2B antibody (21920-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated Goat Anti-Rabbit IgC(H+1).



1X10^6 SH-SY5Y cells were stained with 0.2ug NMDAR2B/GRIN2B antibody (21920-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.