

For Research Use Only

# NeuN Recombinant antibody

Catalog Number: 84401-4-RR



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84401-4-RR	NM_001082575	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1000 µg/ml	146713	241461G7
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	A6NFN3	WB 1:5000-1:50000
Isotype:	Full Name:	IHC 1:3000-1:12000
IgG	hexaribonucleotide binding protein 3	IF-P 1:125-1:500
Immunogen Catalog Number:	Observed MW:	IF-Fro 1:200-1:800
AG25689	46-52 kDa	

## Applications

Tested Applications:  
WB, IHC, IF-P, IF-Fro, ELISA

Species Specificity:  
human, mouse, rat, pig

**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 cerebellum tissue, pig brain tissue, rat cerebellum tissue, mouse brain tissue, rat brain tissue

IHC : mouse cerebellum tissue,

IF-P : mouse cerebellum tissue,

IF-Fro : mouse brain tissue,

## Background Information

### Storage

Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

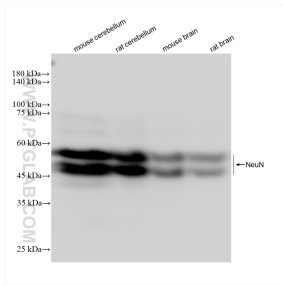
T: 4006900926

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

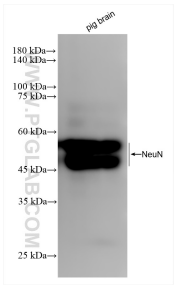
W: [ptgcn.com](http://ptgcn.com)

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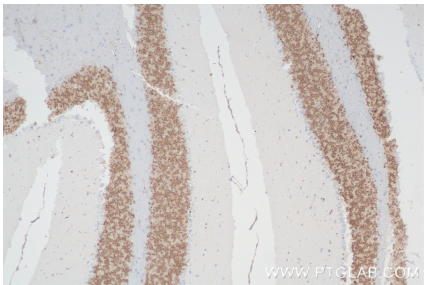
Selected Validation Data



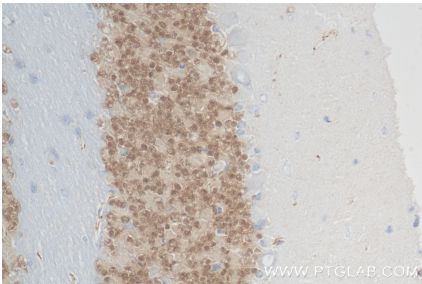
Various lysates were subjected to SDS PAGE followed by western blot with 84401-4-RR (NeuN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



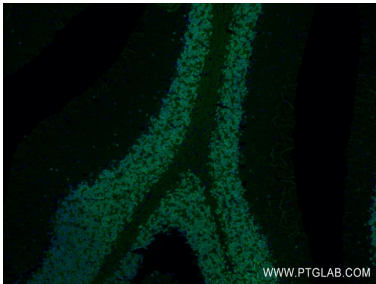
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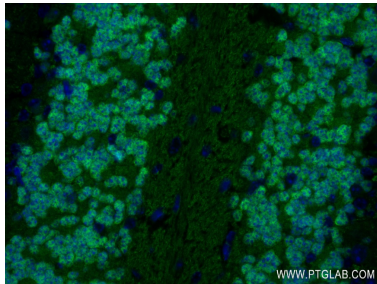
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 84401-4-RR (NeuN antibody) at dilution of 1:6000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



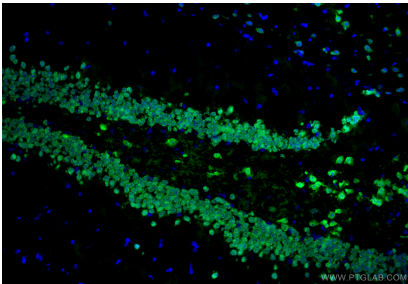
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 84401-4-RR (NeuN antibody) at dilution of 1:6000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



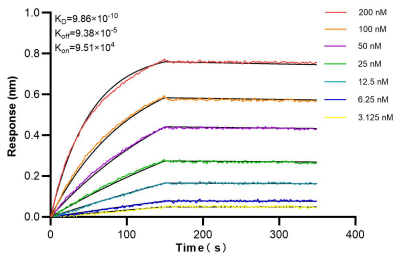
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse cerebellum tissue using NeuN antibody (84401-4-RR, Clone: 241461G7 ) at dilution of 1:250 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse cerebellum tissue using NeuN antibody (84401-4-RR, Clone: 241461G7 ) at dilution of 1:250 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed frozen OCT-embedded mouse brain tissue using NeuN antibody (84401-4-RR, Clone: 241461G7 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 84401-4-RR against Human NeuN were performed. The affinity constant is 0.986 nM.