

For Research Use Only

# NeuN Recombinant antibody

Catalog Number: 84401-4-RR



## Basic Information

<b>Catalog Number:</b> 84401-4-RR	<b>GenBank Accession Number:</b> NM_001082575	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 146713	<b>CloneNo.:</b> 241461G7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> A6NFN3	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF-P 1:125-1:500 IF-Fro 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> hexaribonucleotide binding protein 3	
<b>Immunogen Catalog Number:</b> AG25689	<b>Observed MW:</b> 46-52 kDa	

## Applications

<b>Tested Applications:</b> WB, IF-P, IF-Fro, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat, pig	<b>WB :</b> mouse cerebellum tissue, pig brain tissue, rat cerebellum tissue, mouse brain tissue, rat brain tissue
	<b>IF-P :</b> mouse cerebellum tissue,
	<b>IF-Fro :</b> mouse brain tissue,

## Storage

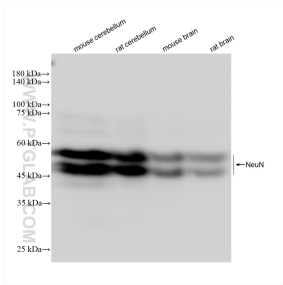
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

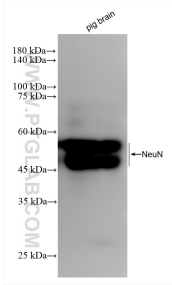
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

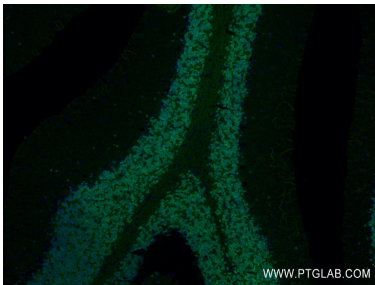
Selected Validation Data



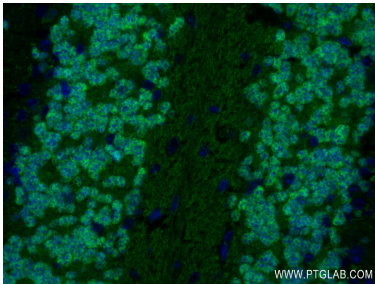
Various lysates were subjected to SDS PAGE followed by western blot with 84401-4-RR (NeuN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



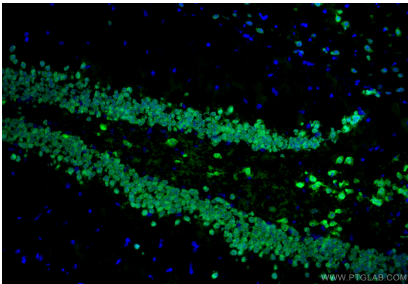
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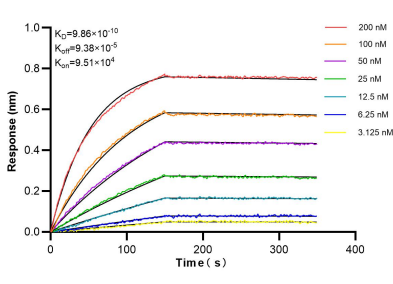
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse cerebellum tissue using NeuN antibody (84401-4-RR, Clone: 241461G7) at dilution of 1:250 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA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



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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.