

For Research Use Only

CoraLite®594-conjugated NeuN Polyclonal antibody

Catalog Number: CL594-26975 **1 Publications**



Basic Information

Catalog Number: CL594-26975	GenBank Accession Number: NM_001082575	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 146713	Recommended Dilutions: IF-P 1:50-1:500
Source: Rabbit	Full Name: hexaribonucleotide binding protein 3	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG	Observed MW: 46-52 kDa	
Immunogen Catalog Number: AG25689		

Applications

Tested Applications: IF-P, FC (Intra)	Positive Controls: IF-P : mouse brain tissue, rat brain tissue
Cited Applications: IF	
Species Specificity: human, mouse, rat, pig	
Cited Species: rat	

Background Information

NeuN, encoded by FOX3, is a neuron-specific nuclear protein. Anti-NeuN stains exclusively neuronal cells in the central and peripheral nervous systems, especially postmitotic and differentiating neurons, as well as terminally differentiated neurons. Anti-NeuN has been used widely as a reliable tool to detect most postmitotic neuronal cell types. The immunohistochemical staining is primarily localized in the nucleus of the neurons with lighter staining in the cytoplasm. Several isoforms of NeuN exist due to the alternative splicing. Although the predicted MW of NeuN are 34/35 kDa, it was detected as doublet around 46-52 kDa. (PMID: 21747913)

Notable Publications

Author	Pubmed ID	Journal	Application
Beibei Liu	39415414	Mol Pain	IF

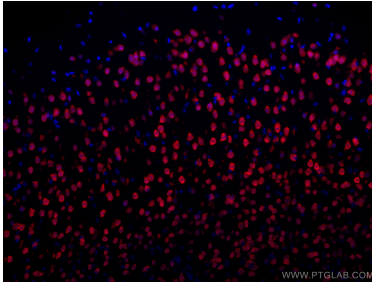
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

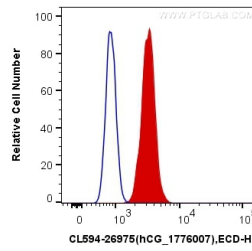
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® 594 NeuN antibody (CL594-26975) at dilution of 1:200.



1X10⁶ U-87 MG cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human NeuN (CL594-26975) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).