

Datasheet for ABIN7270098

anti-NeuN antibody

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NeuN (RBFOX3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NeuN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	NeuN Rabbit mAb
Immunogen:	A synthesized peptide derived from human NeuN
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	NeuN (RBFOX3)
Alternative Name:	RBFOX3 (RBFOX3 Products)
Background:	This gene encodes a member of the RNA-binding FOX protein family which is involved in the

Target Details

regulation of alternative splicing of pre-mRNA. The protein has an N-terminal proline-rich region, an RNA recognition motif (RRM) domain, and a C-terminal alanine-rich region. This gene produces the neuronal nuclei (NeuN) antigen that has been widely used as a marker for post-mitotic neurons. This gene has its highest expression in the central nervous system and plays a prominent role in neural tissue development and regulation of adult brain function. Mutations in this gene have been associated with numerous neurological disorders. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.,FOX-3,FOX3,HRNBP3,NEUN,NeuN,RBFOX3,Cell Type Marker,Cell Type Marker_Neuron marker,Epigenetics & Nuclear Signaling,Neuroscience,Transcription Factors,RBFOX3

Molecular Weight: 46-55kDa

Gene ID: 146713

UniProt: [A6NFN3](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

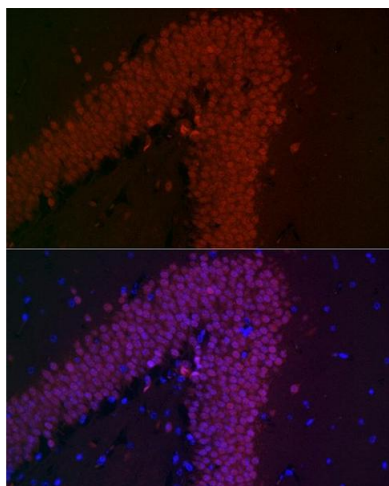
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

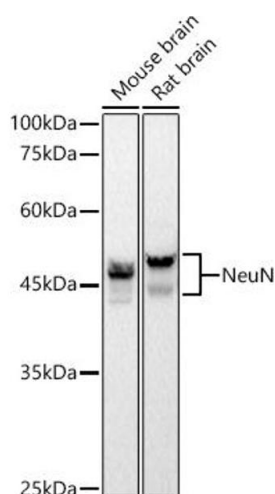
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



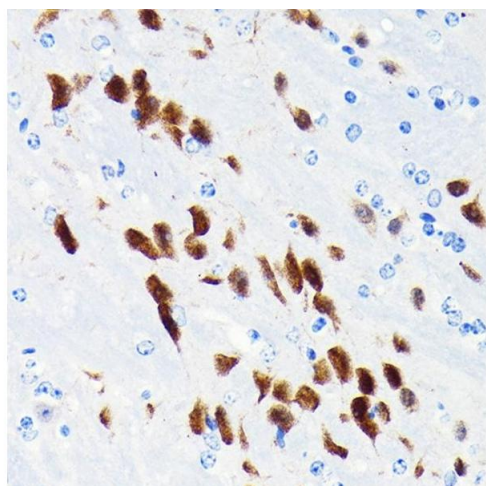
Immunofluorescence

Image 1. Immunofluorescence analysis of mouse brain cells using NeuN Rabbit mAb (ABIN7270098) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NeuN Rabbit mAb antibody (ABIN7270098) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded mouse brain using NeuN Rabbit mAb (ABIN7270098) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7270098.