

Mouse anti-Human NeuN Monoclonal Antibody | anti-RBFOX3 antibody

NeuN Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28598	Mouse	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

NeuN; Monoclonal Antibody; NeuN Mouse mAb; FOX3; NEUN; FOX-3; HRNBP3; anti-RBFOX3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-RBFOX3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:2500-1:5000 IHC-P: 1:200-1:800 IF/ICC: 1:200-1:800 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of human NeuN.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Rat brain tissue using NeuN Mouse mAb (AAA28598, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L) (AS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse brain tissue using NeuN Mouse mAb (AAA28598, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L) (AS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



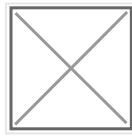
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Human brain tissue using NeuN Mouse mAb (AAA28598, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L) (AS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



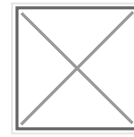
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using NeuN Mouse mAb (AAA28598) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human brain tissue using NeuN Mouse mAb (AAA28598) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using NeuN Mouse mAb (AAA28598) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-RBFOX3 antibody	This gene encodes a member of the RNA-binding FOX protein family which is involved in the 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.
Product Categories/Family for anti-RBFOX3 antibody	Epigenetics Nuclear Signaling ; Transcription Factors ; Neuroscience ; Cell Type Marker ; Neuron marker ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	322510139
NCBI GeneID	146713
UniProt Accession #	A6NFN3 ; B4DEG6 ; B4DF29
Molecular Weight	Calculated MW: 34kDa Observed MW: 46-55kDa
UniProt Protein Name	RNA binding protein fox-1 homolog 3
UniProt Gene Name	RBFOX3
UniProt Entry Name	RFOX3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/neun-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28598>