

Rabbit NeuN Monoclonal Antibody | anti-NeuN antibody

Anti-NeuN Rabbit Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA124502	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

NeuN; Monoclonal Antibody; Anti-NeuN Rabbit Monoclonal Antibody; RNA binding protein fox-1 homolog 3; Fox-1 homolog C; RBFOX3; anti-NeuN antibody

PRODUCT SPECIFICATIONS

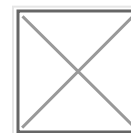
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Sequence Length	325
Applicable Applications for anti-NeuN antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	A synthesized peptide derived from human NeuN
Subcellular Localization	Nucleus. Cytoplasm.
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Western blot analysis of NeuN expression in human fetal brain lysate (AAA124502). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-RBFOX3 monoclonal antibody overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for RBFOX3



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreas, using NeuN Antibody(AAA124502)RBFOX3 was detected in paraffin-embedded tissue section. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-RBFOX3 Antibody (AAA124502)overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-NeuN antibody	RNA-binding protein that regulates alternative splicing events.
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Product Categories/Family for anti-NeuN antibody	Neuroscience; Cell Type Marker; neuron marker; soma marker; Tags & Cell Markers; Cell Type Markers; neuroscience markers; neuronal; Epigenetics and Nuclear Signaling; Transcription; Domain Families; Forkhead Box; Other foxes; Transcription Factors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	128485756
NCBI GeneID	146713
NCBI Accession #	NP_001076044.1
NCBI GenBank Nucleotide #	NM_001082575.2
UniProt Accession #	A6NFN3; B4DEG6; B4DF29
Molecular Weight	33873 MW
NCBI Official Full Name	RNA binding protein fox-1 homolog 3 isoform 1
NCBI Official Synonym Full Names	RNA binding fox-1 homolog 3
NCBI Official Symbol	RBFOX3
NCBI Official Synonym Symbols	FOX3; NEUN; FOX-3; HRNBP3
NCBI Protein Information	RNA binding protein fox-1 homolog 3
UniProt Protein Name	RNA binding protein fox-1 homolog 3
UniProt Gene Name	RBFOX3
UniProt Synonym Gene Names	NeuN antigen

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-immunocytochemistry-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/124502>