Mouse NLN Monoclonal Antibody | anti-NLN antibody

NLN antibody

CATALOG #	HOST	APPLICATIONS
AAA106586	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

NLN; Monoclonal Antibody; NLN antibody; Monoclonal NLN; Anti-NLN; Neurolysin; Metallopeptidase M3 family; KIAA1226; AGTBP; Angiotensin binding protein; DKFZp564F123; MOP; anti-NLN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3A12
Purity/Purification	NLN antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	704
Applicable Applications for anti-NLN antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	NLN is a member of the metallopeptidase M3 protein family that cleaves neurotensin at the Pro10-Tyr11 bond, leading to the formation of neurotensin(1-10) and neurotensin(11-13). The encoded protein is likely involved in the termination of the neurotensinergic signal in the central nervous system and in the gastrointestin al tract.
Cross-Reactivity	Human
Immunogen	NLN antibody was raised in mouse using a full length recombinant protein of human NLN (NP_065777) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemical analysis of NLN protein in paraffin embedded Human Kidney tissue using NLN antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NLN protein (Right) or empty vector (Left) detected with NLN antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant NLN protein (red) or empty vector (blue) stained using NLN antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NLN antibody	Mouse monoclonal NLN antibody
Product Categories/Family for anti-NLN antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	14149738
NCBI GeneID	57486
NCBI Accession #	NP_065777
NCBI GenBank Nucleotide #	NM_020726.4
UniProt Accession #	Q9BYT8; Q9ULJ4
Molecular Weight	80,652 Da
NCBI Official Full Name	neurolysin, mitochondrial
NCBI Official Synonym Full Names	neurolysin (metallopeptidase M3 family)
NCBI Official Symbol	NLN
NCBI Official Synonym Symbols	MEP; MOP; AGTBP; EP24.16
NCBI Protein Information	neurolysin, mitochondrial
UniProt Protein Name	Neurolysin, mitochondrial
UniProt Gene Name	**NLN**
UniProt Synonym Gene Names	AGTBP; KIAA1226; MEP
UniProt Entry Name	NEUL_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/nln-antibody-clone-3a12-western-blot-immunohistochemistry-flow-cytometry-elisa/106586