

Mouse RNPEP Monoclonal Antibody | anti-RNPEP antibody

RNPEP antibody

CATALOG # AAA106957	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

RNPEP; Monoclonal Antibody; RNPEP antibody; Monoclonal RNPEP; Anti-RNPEP; Arginyl aminopeptidase; Aminopeptidase B; AP-B; APB; anti-RNPEP antibody

PRODUCT SPECIFICATIONS

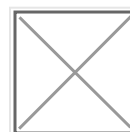
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2G3
Purity/Purification	RNPEP antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	650
Applicable Applications for anti-RNPEP antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	RNPEP is an exopeptidase which selectively removes arginine and/or lysine residues from the N-terminus of several peptidesubstrates including Arg(0)-Leu-enkephalin, Arg(0)-Met-enkephalin and Arg(-1)-Lys(0)-somatostatin-14. Can hydrolyzeleukotriene A4 (LTA-4) into leukotriene B4 (LTB-4).
Cross-Reactivity	Human
Immunogen	RNPEP antibody was raised in mouse using a full length recombinant protein of human RNPEP (NP_064601) 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 RNPEP protein in paraffin embedded Adenocarcinoma of Human breast tissue using RNPEP antibody



WB (Western Blot)

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



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant RNPEP protein (red) or empty vector (blue) stained using RNPEP antibody

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	40316915
NCBI GeneID	6051
NCBI Accession #	NP_064601
NCBI GenBank Nucleotide #	NM_020216.3
UniProt Accession #	Q9H4A4 ; Q9BVM9 ; Q9H1D4 ; Q9NPT7
Molecular Weight	72,596 Da
NCBI Official Full Name	aminopeptidase B
NCBI Official Synonym Full Names	arginyl aminopeptidase (aminopeptidase B)
NCBI Official Symbol	RNPEP
NCBI Protein Information	aminopeptidase B
UniProt Protein Name	Aminopeptidase B
UniProt Gene Name	RNPEP
UniProt Synonym Gene Names	APB; AP-B
UniProt Entry Name	AMPB_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/rnpep-antibody-clone-2g3-western-blot-immunohistochemistry-flow-cytometry-elisa/106957>