

Mouse RNPEP Monoclonal Antibody | anti-RNPEP antibody

RNPEP antibody

CATALOG # AAA106672	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	----------------------	---

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	1B1
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	260
Applicable Applications for anti-RNPEP antibody	WB (Western Blot), IHC (Immunohistochemistry)
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_064061) 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



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



IHC (Immunohistochemistry)

Immunohistochemical analysis of RNPEP protein in paraffin embedded Human prostate tissue using RNPEP antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RNPEP antibody	Mouse monoclonal RNPEP antibody
---	---------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	162279926
NCBI GeneID	809487
NCBI Accession #	NP_064061
NCBI GenBank Nucleotide #	NC_002511.2
NCBI Official Full Name	cox2 gene product (mitochondrion)
NCBI Official Symbol	cox2
NCBI Protein Information	cytochrome c oxidase subunit 2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/rnpep-antibody-clone-1b1-western-blot-immunohistochemistry-elisa/106672>