

Mouse XPNPEP3 Monoclonal Antibody | anti-XPNPEP3 antibody

XPNPEP3 antibody

CATALOG #	HOST	APPLICATIONS
AAA106804	Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

XPNPEP3; Monoclonal Antibody; XPNPEP3 antibody; Monoclonal XPNPEP3; Anti-XPNPEP3; X prolyl aminopeptidase 3; APP3; NPHPL1; Aminopeptidase P3; Probable Xaa-Pro aminopeptidase 3; XPNPEP 3; XPNPEP-3; anti-XPNPEP3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4B8
Purity/Purification	XPNPEP3 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	507
Applicable Applications for anti-XPNPEP3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	XPNPEP3 belongs to a family of X-pro-aminopeptidases that utilize a metal cofactor and remove the N-terminal amino acid from peptides with a proline residue in the penultimate position.
Cross-Reactivity	Human, Dog, Rat, Monkey, Mouse
Immunogen	XPNPEP3 antibody was raised in mouse using a full length recombinant protein of human XPNPEP3 (NP_071381) produced in HEK293 cell 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



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant XPNPEP3 protein using XPNPEP3 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of XPNPEP3 protein in paraffin embedded Carcinoma of Human bladder tissue using XPNPEP3 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant XPNPEP3 protein (Right) or empty vector (Left) detected with XPNPEP3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-XPNPEP3 antibody	Mouse monoclonal XPNPEP3 antibody
Product Categories/Family for anti-XPNPEP3 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	11559925
NCBI GeneID	63929
NCBI Accession #	NP_071381
NCBI GenBank Nucleotide #	NM_022098.3
UniProt Accession #	Q9NQH7 ; Q6I9V9 ; Q8NDA6 ; Q9BV27 ; Q9BVH0 ; B2R9G1 ; B7Z790 ; B7Z7B2
Molecular Weight	32,712 Da
NCBI Official Full Name	probable Xaa-Pro aminopeptidase 3 isoform 1
NCBI Official Synonym Full Names	X-prolyl aminopeptidase 3, mitochondrial
NCBI Official Symbol	XPNPEP3
NCBI Official Synonym Symbols	APP3; ICP55; NPHPL1
NCBI Protein Information	probable Xaa-Pro aminopeptidase 3
UniProt Protein Name	Probable Xaa-Pro aminopeptidase 3
UniProt Gene Name	XPNPEP3
UniProt Synonym Gene Names	X-Pro aminopeptidase 3; APP3
UniProt Entry Name	XPP3_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/xpnpep3-antibody-clone-4b8-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106804>