Rabbit XPNPEP2 Polyclonal Antibody | anti-XPNPEP2 antibody

XPNPEP2 Antibody

CATALOG #	HOST	APPLICATIONS
AAA225489	**Rabbit**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

XPNPEP2; Polyclonal Antibody; XPNPEP2 Antibody; Affinity Purified Rabbit Polyclonal XPNPEP2 Antibody; Polyclonal XPNPEP2 antibody; Anti-XPNPEP2 antibody; mAmP antibody; XPNPEP 2; xaa-Pro aminopeptidase 2 antibody; XPNPEP2 antibody; X-Pro aminopeptidase 2 antibody; XPNPEP 2 antibody; membrane-bound APP antibody; XPNPEP-2 antibody; APP2 antibody; XPNPEP-2; membrane-bound AmP antibody; anti-XPNPEP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated soloution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.83 mg/ml (varies by lot)
Sequence Length	674
Applicable Applications for anti-XPNPEP2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Cross-Reactivity	Human
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 30 ug of whole cell lysate (A: A431) using a 7.5% SDS PAGE gel and XPNPEP2 antibody at a dilution of 1:1000

IHC (Immunohistochemistry)
Immunohistochemical staining of paraffin-embedded Ca922 xenograft using XPNPEP2 antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-XPNPEP2 antibody	Aminopeptidase P is a hydrolase specific for N-terminal imido bonds, which are common to several collagen degradation products, neuropeptides, vasoactive peptides, and cytokines. Structurally, the enzyme is a member of the 'pita bread fold' family and occurs in mammalian tissues in both soluble and GPI-anchored membrane-bound forms. A membrane-bound and soluble form of this enzyme have been identified as products of two separate genes.
Product Categories/Family for anti-XPNPEP2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	93141226
NCBI GeneID	7512
NCBI GenBank Nucleotide #	NP_003390.4
UniProt Accession #	O43895
Molecular Weight	76 kDa
NCBI Official Full Name	xaa-Pro aminopeptidase 2
NCBI Official Synonym Full Names	X-prolyl aminopeptidase 2
NCBI Official Symbol	XPNPEP2
NCBI Official Synonym Symbols	APP2; AEACEI
NCBI Protein Information	xaa-Pro aminopeptidase 2
UniProt Protein Name	Xaa-Pro aminopeptidase 2
UniProt Gene Name	**XPNPEP2**
UniProt Synonym Gene Names	Membrane-bound APP; Membrane-bound AmP; mAmP
UniProt Entry Name	XPP2_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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