

XPNPEP1 / Aminopeptidase P Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS16083**Specification****XPNPEP1 / Aminopeptidase P Antibody (C-Terminus) - Product Information**

Application	IHC, WB
Primary Accession	O9NQW7
Reactivity	Human, Monkey, Pig, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	70kDa KDa

XPNPEP1 / Aminopeptidase P Antibody (C-Terminus) - Additional Information**Gene ID** 7511**Other Names**

Xaa-Pro aminopeptidase 1, 3.4.11.9, Aminoacylproline aminopeptidase, Cytosolic aminopeptidase P, Soluble aminopeptidase P, sAmp, X-Pro aminopeptidase 1, X-prolyl aminopeptidase 1, soluble, XPNPEP1 {ECO:0000312|EMBL:AAH05126.1}

Target/Specificity

Human XPNPEP1. This antibody is expected to recognize isoform 1 and 2 (NP_065116.2; NP_001161076.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

XPNPEP1 / Aminopeptidase P Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

XPNPEP1 / Aminopeptidase P Antibody (C-Terminus) - Protein Information**Name** XPNPEP1 {ECO:0000303|PubMed:10871044, ECO:0000312|HGNC:HGNC:12822}**Function**

Metalloaminopeptidase that catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg- Pro-Pro (PubMed:11106490, PubMed:35165443, PubMed:18515364). Contributes to the degradation of bradykinin (PubMed:11106490).

Cellular Location

Cytoplasm, cytosol.

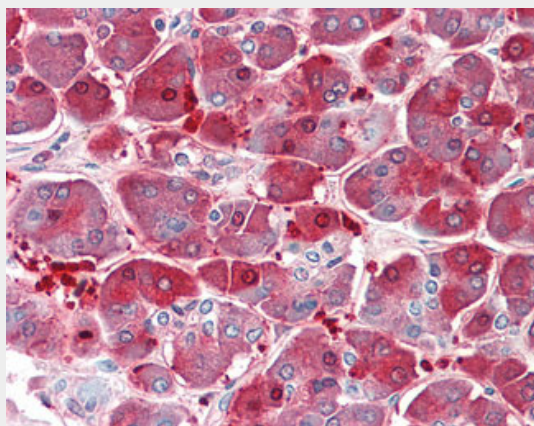
Tissue Location

Expressed in all tissues tested, including pancreas, heart, muscle, kidney, liver, lung and brain. Highest levels in pancreas.

XPNPEP1 / Aminopeptidase P Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

XPNPEP1 / Aminopeptidase P Antibody (C-Terminus) - Images

Anti-XPNPEP1 / Aminopeptidase P antibody IHC staining of human pancreas.



XPNPEP1 antibody (0.3 ug/ml) staining of Human Pancreas lysate (35 ug protein/ml in RIPA buffer).

XPNPEP1 / Aminopeptidase P Antibody (C-Terminus) - Background

Contributes to the degradation of bradykinin. Catalyzes the removal of a penultimate prolyl

residue from the N-termini of peptides, such as Arg-Pro-Pro.

XPNPEP1 / Aminopeptidase P Antibody (C-Terminus) - References

Vanhoof G.,et al.Cytogenet. Cell Genet. 78:275-280(1997).
Sprinkle T.J.,et al.Arch. Biochem. Biophys. 378:51-56(2000).
Cottrell G.S.,et al.Biochemistry 39:15121-15128(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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