

XPNPEP2 Antibody (aa286-564)
Rabbit Polyclonal Antibody
Catalog # ALS16203**Specification**

XPNPEP2 Antibody (aa286-564) - Product Information

Application	WB, IHC
Primary Accession	O43895
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76kDa KDa

XPNPEP2 Antibody (aa286-564) - Additional Information**Gene ID** 7512**Other Names**

Xaa-Pro aminopeptidase 2, 3.4.11.9, Aminoacylproline aminopeptidase, Membrane-bound aminopeptidase P, Membrane-bound APP, Membrane-bound AmP, mAmP, X-Pro aminopeptidase 2, XPNPEP2

Target/Specificity

Human XPNPEP2

Reconstitution & Storage

Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

XPNPEP2 Antibody (aa286-564) is for research use only and not for use in diagnostic or therapeutic procedures.

XPNPEP2 Antibody (aa286-564) - Protein Information**Name** XPNPEP2**Function**

Membrane-bound metalloprotease which catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro. May play a role in the metabolism of the vasodilator bradykinin.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q95333}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q95333}

Tissue Location

Expressed in kidney, lung, heart, placenta, liver, small intestine and colon. No expression in brain,

skeletal muscle, pancreas, spleen, thymus, prostate, testis and ovary

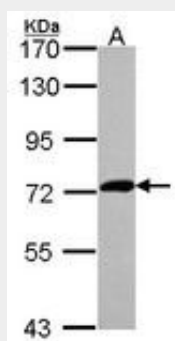
Volume

50 μ l

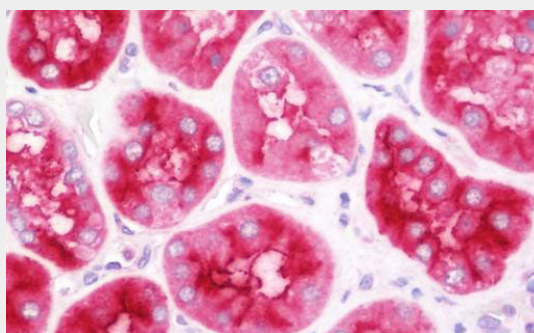
XPNPEP2 Antibody (aa286-564) - Protocols

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](#)

XPNPEP2 Antibody (aa286-564) - Images

Sample (30 μ g of whole cell lysate). A: Hep G2 . 7.5% SDS PAGE. XPNPEP2 antibody diluted at 1:1000.



Anti-XPNPEP2 antibody IHC staining of human kidney.

XPNPEP2 Antibody (aa286-564) - Background

A metalloprotease that may play a role in the inflammatory process and other reactions produced in response to injury or infection. May also play a role in the metabolism of the vasodilator bradykinin.

XPNPEP2 Antibody (aa286-564) - References

Venema R.C.,et al.Biochim. Biophys. Acta 1354:45-48(1997).
Sprinkle T.J.C.,et al.Submitted (SEP-2000) to the EMBL/GenBank/DDBJ databases.
Ryan J.W.,et al.Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Ross M.T.,et al.Nature 434:325-337(2005).
Duan Q.L.,et al.Am. J. Hum. Genet. 77:617-626(2005).