

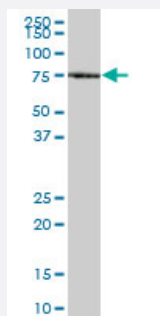
MaxPab®

XPNPEP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007511-B01P

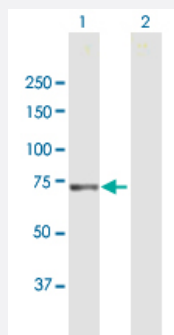
Size 50 ug

Applications



Western Blot (Tissue lysate)

XPNPEP1 MaxPab polyclonal antibody. Western Blot analysis of XPNPEP1 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of XPNPEP1 expression in transfected 293T cell line ([H00007511-T01](#)) by XPNPEP1 MaxPab polyclonal antibody.

Lane 1: XPNPEP1 transfected lysate(68.53 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human XPNPEP1 protein.

Immunogen

XPNPEP1 (NP_065116.2, 1 a.a. ~ 623 a.a) full-length human protein.

Sequence	MPPKVTSELLRQLRQAMRNSEYVTEPIQAYIIPSGDAHQSEYAPCDCRRAAFVSGFDGSAGTAITE EHAAMWTDGRYFLQAAKQMDSNWTLMKMGDKDPTQEDWLVSVLPEGSRVGVDPLIIPTDYWK KMAKVLRSAGHHLIPVKENLVDKWTDTRPERPCKPLLTLGLDYGISWKDKVADLRKMAERNVM WVVTALDEIAWLFNLRGSDVEHNPVFFSYAIGLETIMLFIDGDRIDAPSVKEHLLLDLGLAEYRIQ VHPYKSILSELKALCADLSPREKVWVSDKASYAVSETIPKDHRCMPYTPICIAKAVKNSAESEGM RRAHKDAVALCELFNWLEKEVPKGGVTEISAADKAEFRQQADFVDSLSTISSTGPNGAIIHYA PVPETNRTLSDDEVYLIDSGAQYKDGTTDVTRTMHFGTPTAYEKECFTYVLKGHIAVSAAVFPTGT KGHLLDSFARSALWDSGLDYLHGTGHGVGSFLNVHEGPCGISYKTFSDPELEAGMVTDEPGYYE DGAFGIRIENVVLVVPVKTKYNFNRRGSLTFEPLTLVPIQTKMIDVDSLTDKECDWLNNYHLTCRDV IGKELQKQGRQEALWLIRETQPISKQH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

XPNPEP1 MaxPab polyclonal antibody. Western Blot analysis of XPNPEP1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of XPNPEP1 expression in transfected 293T cell line ([H00007511-T01](#)) by XPNPEP1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — XPNPEP1

Entrez GeneID [7511](#)

GeneBank Accession# [NM_020383.2](#)

Protein Accession#	NP_065116.2
Gene Name	XPNPEP1
Gene Alias	SAMP, XPNPEP, XPNPEPL, XPNPEPL1
Gene Description	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble
Omim ID	602443
Gene Ontology	Hyperlink
Gene Summary	X-prolyl aminopeptidase (EC 3.4.11.9) is a proline-specific metalloaminopeptidase that specifically catalyzes the removal of any unsubstituted N-terminal amino acid that is adjacent to a penultimate proline residue. Because of its specificity toward proline, it has been suggested that X-prolyl aminopeptidase is important in the maturation and degradation of peptide hormones, neuropeptides, and tachykinins, as well as in the digestion of otherwise resistant dietary protein fragments, thereby complementing the pancreatic peptidases. Deficiency of X-prolyl aminopeptidase results in excretion of large amounts of imino-oligopeptides in urine (Blau et al., 1988 [PubMed 3141711]).[supplied by OMIM
Other Designations	OTTHUMP00000020457 OTTHUMP00000058856 X-prolyl aminopeptidase (aminopeptidase P) 1, soluble (SAMP, XPNPEP, XPNPEPL) X-prolyl aminopeptidase (aminopeptidase P)-like

Disease

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- [Biliary Atresia](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)