DNAxPAb | Hard-to-Find Antibody

XPNPEP1 DNAxPab

Catalog # H00007511-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human XPNPEP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPPKVTSELLRQLRQAMRNSEYVTEPIQAYIIPSGDAHQSEYIAPCDCRRAFVSGFDGSAGTAIITE EHAAMWTDGRYFLQAAKQMDSNWTLMKMGLKDTPTQEDWLVSVLPEGSRVGVDPLIIPTDYWK KMAKVLRSAGHHLIPVKENLVDKIWTDRPERPCKPLLTLGLDYTGISWKDKVADLRLKMAERNVM WFVVTALDEIAWLFNLRGSDVEHNPVFFSYAIIGLETIMLFIDGDRIDAPSVKEHLLLDLGLEAEYRIQ VHPYKSILSELKALCADLSPREKVWVSDKASYAVSETIPKDHRCCMPYTPICIAKAVKNSAESEGM RRAHIKDAVALCELFNWLEKEVPKGGVTEISAADKAEEFRRQQADFVDLSFPTISSTGPNGAIIHYA PVPETNRTLSLDEVYLIDSGAQYKDGTTDVTRTMHFGTPTAYEKECFTYVLKGHIAVSAAVFPTGT KGHLLDSFARSALWDSGLDYLHGTGHGVGSFLNVHEGPCGISYKTFSDEPLEAGMIVTDEPGYYE DGAFGIRIENVVLVVPVKTKYNFNNRGSLTFEPLTLVPIQTKMIDVDSLTDKECDWLNNYHLTCRDV IGKELQKQGRQEALEWLIRETQPISKQH
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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 specifica lly catalyzes the removal of any unsubstituted N-terminal amino acid that is adjacent to a penultima te proline residue. Because of its specificity toward proline, it has been suggested that X-prolyl a minopeptidase is important in the maturation and degradation of peptide hormones, neuropeptid es, and tachykinins, as well as in the digestion of otherwise resistant dietary protein fragments, th ereby 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

- Alzheimer Disease
- Biliary Atresia
- Genetic Predisposition to Disease

- Tobacco Use Disorder