XPP2 Polyclonal Antibody

Catalog No	YP-Ab-06971
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	XPNPEP2
Protein Name	Xaa-Pro aminopeptidase 2 (EC 3.4.11.9) (Aminoacylproline aminopeptidase) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (X-Pro aminopeptidase 2)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	XPP2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	74kD
Cell Pathway	Cell membrane ; Lipid-anchor, GPI-anchor .
Tissue Specificity	Expressed in kidney, lung, heart, placenta, liver, small intestine and colon. No expression in brain, skeletal muscle, pancreas, spleen, thymus, prostate, testis and ovary.
Function	catalytic activity:Release of any N-terminal amino acid, including proline, that is linked to proline, even from a dipeptide or tripeptide.,cofactor:Binds 2 manganese ions per subunit.,function: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.,PTM:Heavily glycosylated.,similarity:Belongs to the peptidase M24B family.,subunit:Homotrimer.,tissue specificity:Expressed in kidney, lung, heart, placenta, liver, small intestine and colon. No expression in brain, skeletal muscle, pancreas, spleen, thymus, prostate, testis and ovary.,
Background	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. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images