



# XPP1 Monoclonal Antibody

Catalog No	YP-mAb-06825
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	XPNPEP1 XPNPEPL XPNPEPL1
Protein Name	Xaa-Pro aminopeptidase 1 (EC 3.4.11.9) (Aminoacylproline aminopeptidase) (Cytosolic aminopeptidase P) (Soluble aminopeptidase P) (sAmp) (X-Pro aminopeptidase 1) (X-prolyl aminopeptidase 1, soluble)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	XPP1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	68kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Expressed in all tissues tested, including pancreas, heart, muscle, kidney, liver, lung and brain. Highest levels in pancreas.
Function	catalytic activity:Release of any N-terminal amino acid, including proline, that is linked to proline, even from a dipeptide or tripeptide.,cofactor:Manganese.,enzyme regulation:Inhibited by apstatin and the metal ion chelators EDTA and 1,10-phenanthroline. Partially inhibited by dithiothreitol. Not inhibited by enalaprilat or amastatin.,similarity:Belongs to the peptidase M24B family.,subunit:Homodimer.,tissue specificity:Expressed in all tissues tested, including pancreas, heart, muscle, kidney, liver, lung and brain. Highest levels in pancreas.,
Background	This gene encodes the cytosolic form of a metalloaminopeptidase that catalyzes the cleavage of the N-terminal amino acid adjacent to a proline residue. The gene product may play a role in degradation and maturation of tachykinins, neuropeptides, and peptide hormones. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Nov 2009],

**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**