



XPNPEP3 mouse mAb

Catalog No	YP-mAb-18182
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	XPNPEP3
Immunogen	Synthesized peptide derived from human XPNPEP3
Specificity	This antibody detects endogenous levels of XPNPEP3 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	X Pro aminopeptidase 3;EC:3.4.11.9;APP3m;APP3c;APP3;XPNPEP3;Probable Xaa-Pro aminopeptidase 3 (X-Pro aminopeptidase 3) (EC 3.4.11.9) (Aminopeptidase P3) (APP3)
Observed Band	57 kDa
Calculated Molecular Weight	57 kDa
Cell Pathway	[Isoform 1]: Mitochondrion . Cytoplasm . Mainly mitochondrial. Translocates to the cytoplasm following TNFRSF1B activation. .; [Isoform 2]: Cytoplasm .
Tissue Specificity	Isoform 1 and isoform 2 are widely expressed, with isoform 1 being more abundant.
Function	Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Leu-Pro-Ala . Also shows low activity towards peptides with Ala or Ser at the P1 position . ; [Isoform 1]: Promotes TNFRSF1B-mediated phosphorylation of MAPK8/JNK1 and MAPK9/JNK2, suggesting a function as an adapter protein for TNFRSF1B; the effect is independent of XPNPEP3 peptidase activity. May inhibit apoptotic cell death induced via TNF-TNFRSF1B signaling.
Background	

**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