



UBXD1 Mouse mAb

Catalog No	YP-mAb-19023
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	UBXN6 UBXD1 UBXDC2
Protein Name	UBX domain-containing protein 6 (UBX domain-containing protein 1)
Immunogen	Synthesized peptide derived from human UBXD1
Specificity	This antibody detects endogenous levels of UBXD1 at Human, Mouse
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	49kD
Cell Pathway	Cytoplasm . Cytoplasm, cytosol . Membrane ; Peripheral membrane protein . Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Early endosome membrane ; Peripheral membrane protein . Late endosome membrane ; Peripheral membrane protein . Lysosome membrane ; Peripheral membrane protein . Localizes at the centrosome both in interphase and during mitosis (PubMed:18656546). May be recruited to endosomal and lysosomal membranes as part of a ternary complex with CAV1 and VCP (PubMed:21822278). Recruited to damaged lysosomes decorated with K48-linked ubiquitin chains (PubMed:27753622). .
Tissue Specificity	Enhanced expression in testis.
Function	May negatively regulate the ATPase activity of VCP, an ATP-driven segregase that associates with different cofactors to control a wide variety of cellular processes . As a cofactor of VCP, it may play a role in the transport of CAV1 to lysosomes for degradation . It may also play a role in endoplasmic reticulum-associated degradation (ERAD) of misfolded proteins . Together with VCP and other cofactors, it may play a role in macroautophagy, regulating for



instance the clearance of damaged lysosomes .

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