



UBXD1 Mouse mAb

Catalog No	YP-mAb-19023
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	UBXN6 UBXD1 UBXDC2
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	UBX domain-containing protein 1;UBX domain-containing protein 6;UBXDC2; UBXN6;UBXN6 UBXD1 UBXDC2;UBX domain-containing protein 6 (UBX domain-containing protein 1)
Observed Band	50-53 kDa
Calculated Molecular Weight	50 kDa
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