



RNF7 Mouse mAb

Catalog No	YP-mAb-18672
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RNF7 RBX2 ROC2 SAG
Immunogen	Synthesized peptide derived from human RNF7
Specificity	This antibody detects endogenous levels of RNF7 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
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	SAG;ROC2;rbx2;CKBBP1;RNF7;RNF7 RBX2 ROC2 SAG;RING-box protein 2 (Rbx2) (CKII beta-binding protein 1) (CKBBP1) (RING finger protein 7) (Regulator of cullins 2) (Sensitive to apoptosis gene protein)
Observed Band	13kDa
Calculated Molecular Weight	13kDa
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Expressed in heart, liver, skeletal muscle and pancreas. At very low levels expressed in brain, placenta and lung.
Function	Probable component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription . CRLs complexes and ARIH1 collaborate in tandem to mediate ubiquitination of target proteins, ARIH1 mediating addition of the first ubiquitin on CRLs targets (By similarity). Through the RING-type zinc finger, seems to recruit the E2 ubiquitination enzyme to the complex and brings it into close proximity to the substrate. Promotes the neddylation of CUL5 via its interaction with UBE2F. May play a role in protecting cells from apoptosis induced by redox agents.



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