



ABCE1 mouse mAb

Catalog No	YP-mAb-17937
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ABCE1 RLI RNASEL1 RNASELI RNS4I OK/SW-cl.40
Immunogen	Synthesized peptide derived from human ABCE1
Specificity	This antibody detects endogenous levels of ABCE1 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RLI;OABP;RLI1;ABC38;RNS4I;RNASEL1;RNASELI;ABCE1;ABCE1 RLI RNASEL1 RNASELI RNS4I OK/SW-cl.40;ATP-binding cassette sub-family E member 1 (2'-5'-oligoadenylate-binding protein) (HuHP68) (RNase L inhibitor) (Ribonuclease 4 inhibitor) (RNS4I)
Observed Band	67kDa
Calculated Molecular Weight	67kDa
Cell Pathway	Cytoplasm . Mitochondrion . Localized to clusters of virus formation at the plasma membrane.
Tissue Specificity	
Function	Cotranslational quality control factor involved in the No-Go Decay (NGD) pathway . Together with PELO and HBS1L, is required for 48S complex formation from 80S ribosomes and dissociation of vacant 80S ribosomes . Together with PELO and HBS1L, recognizes stalled ribosomes and promotes dissociation of elongation complexes assembled on non-stop mRNAs; this triggers endonucleolytic cleavage of the mRNA, a mechanism to release non-functional ribosomes and to degrade damaged mRNAs as part of the No-Go Decay (NGD) pathway . Plays a role in the regulation of mRNA turnover (By similarity). Plays a role in quality control of translation of mitochondrial outer



membrane-localized mRNA . As part of the PINK1-regulated signaling, ubiquitinated by CNOT4 upon mitochondria damage; this modification generates polyubiquitin signals that recruit autophagy receptors to the mitochondrial outer membrane and i

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