



UPF3B Mouse mAb

Catalog No	YP-mAb-19147
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	UPF3B RENT3B UPF3X
Immunogen	Synthesized peptide derived from human UPF3B
Specificity	This antibody detects endogenous levels of UPF3B at Human
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	RENT3B;hUpf3B;hUpf3p X;hUpf3p-X;MRXS14;UPF3B RENT3B UPF3X; Regulator of nonsense transcripts 3B (Nonsense mRNA reducing factor 3B) (Up-frameshift suppressor 3 homolog B) (hUpf3B) (Up-frameshift suppressor 3 homolog on chromosome X) (hUpf3p-X)
Observed Band	58 kDa
Calculated Molecular Weight	483 aa, 58 kDa
Cell Pathway	Nucleus . Cytoplasm . Shuttling between the nucleus and the cytoplasm. .
Tissue Specificity	Expressed in testis, uterus, prostate, heart, muscle, brain, spinal cord and placenta.
Function	Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons by associating with the nuclear exon junction complex (EJC) and serving as link between the EJC core and NMD machinery. Recruits UPF2 at the cytoplasmic side of the nuclear envelope and the subsequent formation of an UPF1-UPF2-UPF3 surveillance complex (including UPF1 bound to release factors at the stalled ribosome) is believed to activate NMD. In cooperation with UPF2 stimulates both ATPase and RNA helicase activities of UPF1. Binds spliced mRNA upstream of exon-exon junctions. In vitro, stimulates translation; the function is independent of association with UPF2 and components of the



EJC core.

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