antibodies

Datasheet for ABIN2462297 anti-UPF3B antibody

Image



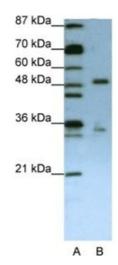
Overview

Quantity:	100 µL
Target:	UPF3B
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UPF3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human UPF3B.
Purification:	Antibody is purified by protein A chromatography method.
Target Details	
Target:	UPF3B
Alternative Name:	UPF3B (UPF3B Products)
Background:	UPF3B is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. The protein is one of two functional homologs to yeast Upf3p. This protein binds to the mRNA and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. It forms with Y14 a complex that binds specifically 20 nt upstream of exon-exon junctionsThis gene encodes a protein that is part of a post-splicing

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	multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. The
	encoded protein is one of two functional homologs to yeast Upf3p. mRNA surveillance detects
	exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA
	decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers
	NMD to degrade mRNAs containing premature stop codons. This protein binds to the mRNA
	and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. It
	forms with Y14 a complex that binds specifically 20 nt upstream of exon-exon junctions. This
	gene is located on the long arm of chromosome X. Two splice variants encoding different
	isoforms have been found for this gene.
Molecular Weight:	52 kDa, 58 kDa
Gene ID:	65109
NCBI Accession:	NP_075386
UniProt:	Q9BZI7
Application Details	
Application Notes:	UPF3B antibody can be used for detection of UPF3B by ELISA at 1:312500. UPF3B antibody can
	be used for detection of UPF3B by western blot at 1.25 µg/mL, and HRP conjugated secondary
	antibody should be diluted 1:50,000 - 100,000.
Restrictions:	
	antibody should be diluted 1:50,000 - 100,000.
Restrictions: Handling	antibody should be diluted 1:50,000 - 100,000.
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Handling	antibody should be diluted 1:50,000 - 100,000. For Research Use only
Handling Format:	antibody should be diluted 1:50,000 - 100,000. For Research Use only
Handling Format: Reconstitution:	antibody should be diluted 1:50,000 - 100,000. For Research Use only Lyophilized Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Handling Format: Reconstitution: Concentration:	antibody should be diluted 1:50,000 - 100,000. For Research Use only Lyophilized Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL. 1 mg/mL
Handling Format: Reconstitution: Concentration: Buffer:	antibody should be diluted 1:50,000 - 100,000. For Research Use only Lyophilized Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL. 1 mg/mL Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Format: Reconstitution: Concentration: Buffer: Handling Advice:	antibody should be diluted 1:50,000 - 100,000. For Research Use only Lyophilized Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL. 1 mg/mL Antibody is lyophilized in PBS buffer with 2 % sucrose. As with any antibody avoid repeat freeze-thaw cycles.

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Western Blotting

Image 1.

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