antibodies - online.com







anti-RENT2/UPF2 antibody (Middle Region)

Images



\sim	
1 11/0	$r_1/1011/1$
\cup	rview

Overview	
Quantity:	0.4 mL
Target:	RENT2/UPF2 (UPF2)
Binding Specificity:	AA 633-660, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RENT2/UPF2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 633-660 amino acids from the Central region of human UPF2
Isotype:	lg Fraction
Specificity:	This antibody detects UPF2 / RENT2 (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification
Target Details	
Target:	RENT2/UPF2 (UPF2)
Alternative Name:	UPF2 / RENT2 (UPF2 Products)

Target Details

Background:

UPF2 is a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. 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 is located in the perinuclear area. It interacts with translation release factors and the proteins that are functional homologs of yeast Upf1p and Upf3p.Synonyms: KIAA1408, Regulator of nonsense transcripts 2, Up-frameshift suppressor 2 homolog

Gene ID:

26019

NCBI Accession:

NP_056357

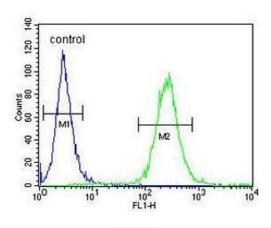
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.





Flow Cytometry

Image 1. UPF2 Antibody (Center) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-antirabbit secondary antibodies were used for the analysis.

MCF-7 250 130 ◀ 95 72 55

Western Blotting

Image 2. UPF2 Antibody (Center) western blot analysis in MCF-7 cell line lysates (35 μ g/lane). This demonstrates the UPF2 antibody detected the UPF2 protein (arrow).