

Rabbit anti-Human UPF2 Polyclonal Antibody | anti-UPF2 antibody

UPF2 Antibody (Center)

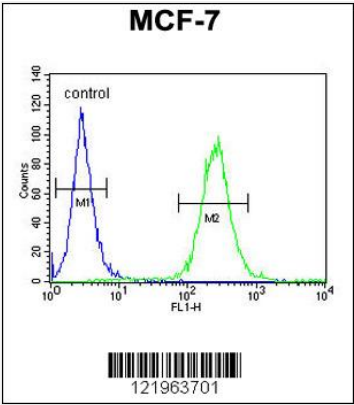
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289228	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

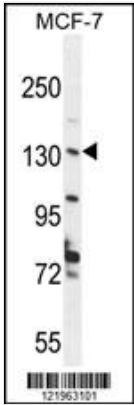
UPF2; Polyclonal Antibody; UPF2 Antibody (Center); Regulator of nonsense transcripts 2; Nonsense mRNA reducing factor 2; Up-frameshift suppressor 2 homolog; hUpf2; KIAA1408; RENT2; anti-UPF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UPF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 630-656 amino acids from the Central region of human UPF2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	630-656
Sequence Length	1272
Applicable Applications for anti-UPF2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
UPF2 Antibody (Center) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
UPF2 Antibody (Center) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the UPF2 antibody detected the UPF2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-UPF2 antibody	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.
References	Clerici, M., et al. EMBO J. 28(15):2293-2306(2009) Cronin, S., et al. Eur. J. Hum. Genet. 17(2):213-218(2009) Woeller, C.F., et al. EMBO Rep. 9(5):446-451(2008) Chamieh, H., et al. Nat. Struct. Mol. Biol. 15(1):85-93(2008) Singh, G., et al. Mol. Cell 27(5):780-792(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11693132
NCBI GeneID	26019
NCBI Accession #	NP_056357.1; NP_542166.1
NCBI GenBank Nucleotide #	NM_015542.3
UniProt Accession #	Q9HAU5; Q14BM1; Q5W0J4; Q8N8U1; Q9H1J2; Q9NWL1; Q9P2D9; Q9Y4M9; A6NLJ5; D3DRS0
Molecular Weight	147810
NCBI Official Full Name	regulator of nonsense transcripts 2
NCBI Official Synonym Full Names	UPF2 regulator of nonsense transcripts homolog (yeast)
NCBI Official Symbol	UPF2
NCBI Official Synonym Symbols	HUPF2; RENT2; smg-3
NCBI Protein Information	regulator of nonsense transcripts 2
UniProt Protein Name	Regulator of nonsense transcripts 2

UniProt Gene Name	UPF2
UniProt Synonym Gene Names	KIAA1408; RENT2; hUpf2
UniProt Entry Name	RENT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/upf2-antibody-flow-cytometry-western-blot-elisa/289228>