

Rabbit anti-Human, Mouse UPF1 Polyclonal Antibody | anti-UPF1 antibody

UPF1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313429	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

UPF1; Polyclonal Antibody; UPF1 Rabbit Polyclonal Antibody; HUPF1; NORF1; RENT1; pNORF1; smg-2; anti-UPF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-UPF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human UPF1 (NP_002902.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

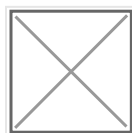
IMAGES


WB (Western Blot)

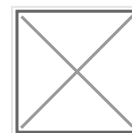
Western blot analysis of extracts of HepG2 cells, using UPF1 at 1:500 dilution.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using UPF1 at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using UPF1 at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using UPF1 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-UPF1 antibody

This gene encodes 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 only in the cytoplasm. When translation ends, it interacts with the protein that is a functional homolog of yeast Upf2p to trigger mRNA decapping. Use of multiple polyadenylation sites has been noted for this gene. Alternative splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17380291
NCBI GeneID	5976
UniProt Accession #	Q92900; O00239; O43343; Q86Z25; Q92842
Molecular Weight	1129
NCBI Official Full Name	Regulator of nonsense transcripts 1
NCBI Official Synonym Full Names	UPF1 regulator of nonsense transcripts homolog (yeast)
NCBI Official Symbol	UPF1
NCBI Official Synonym Symbols	HUPF1; NORF1; RENT1; smg-2; pNORF1
NCBI Protein Information	regulator of nonsense transcripts 1; delta helicase; yeast Upf1p homolog; ATP-dependent helicase RENT1; nonsense mRNA reducing factor 1; up-frameshift mutation 1 homolog; up-frameshift suppressor 1 homolog; smg-2 homolog, nonsense mediated mRNA decay fact
UniProt Protein Name	Regulator of nonsense transcripts 1
UniProt Gene Name	UPF1
UniProt Synonym Gene Names	KIAA0221; RENT1; NORF1; hUpf1
UniProt Entry Name	RENT1_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.