

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

UPF1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174265	Rabbit	Human, Mouse	Immunohistochemistry

PRODUCT SYNONYMS

UPF1; Polyclonal Antibody; UPF1 Polyclonal Antibody; ATP dependent helicase RENT1; ATP-dependent helicase RENT1; Delta helicase; FLJ43809; FLJ46894; HUPF 1; hUpf1; KIAA0221; Nonsense mRNA reducing factor 1; NORF 1; NORF1; pNORF 1; pNORF1; Regulator of nonsense transcripts 1; RENT 1; RENT1; Smg 2; Smg 2 homolog nonsense mediated mRNA decay factor; UP Frameshift 1; Up frameshift mutation 1 homolog (S. cerevisiae); Up frameshift mutation 1 homolog; Up frameshift suppressor 1 homolog; Up-frameshift suppressor 1 homolog; UPF 1; UPF 1 regulator of nonsense transcripts homolog; upf1; UPF1 regulator of nonsense transcripts homolog; UPF1 RNA helicase and ATPase; Yeast Upf1p homolog; anti-UPF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	1,118
Applicable Applications for anti-UPF1 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human UPF1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



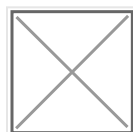
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using UPF1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using UPF1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using UPF1 antibody.

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.
Product Categories/Family for anti-UPF1 antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	662033888
NCBI GeneID	5976
NCBI Accession #	NP_001284478.1
NCBI GenBank Nucleotide #	NM_001297549.1
UniProt Accession #	Q92900; O00239; O43343; Q86Z25; Q92842
Molecular Weight	123kDa; 124kDa
NCBI Official Full Name	regulator of nonsense transcripts 1 isoform 1
NCBI Official Synonym Full Names	UPF1, RNA helicase and ATPase
NCBI Official Symbol	UPF1
NCBI Official Synonym Symbols	HUPF1; NORF1; RENT1; smg-2; pNORF1
NCBI Protein Information	regulator of nonsense transcripts 1
UniProt Protein Name	Regulator of nonsense transcripts 1
UniProt Gene Name	UPF1
UniProt Synonym Gene Names	KIAA0221; RENT1; NORF1; hUpf1

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/upf1-antibody-immunohistochemistry-elisa/174265>