

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

UPF2 Polyclonal Antibody

CATALOG # AAA281048	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	---------------------------------	---

PRODUCT SYNONYMS

UPF2; Polyclonal Antibody; UPF2 Polyclonal Antibody; HUPF2; RENT2; smg-3; anti-UPF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	GPPLGGEGE AESADTMPFV MLTRKGNKQQ FKILNVPMS QLAANHWNQQ QAEQEERMRM KKLTLDINER QEQEDYQEML QSLAQRPA NTNRERRPRY QHPKGAPNAD LIFKTGGRRR
Sequence Length	1272
Applicable Applications for anti-UPF2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human UPF2
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, perinuclear region
Positive Samples	MCF-7, HT-29, Jurkat, HepG2, HeLa
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using UPF2 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using UPF2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-UPF2 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 in the perinuclear area. It interacts with translation release factors and the proteins that are functional homologs of yeast Upf1p and Upf3p. Two splice variants have been found for this gene; both variants encode the same protein.
Product Categories/Family for anti-UPF2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11693132
NCBI GeneID	26019
NCBI Accession #	NP_056357.1
NCBI GenBank Nucleotide #	NM_015542.3
UniProt Accession #	Q9HAU5 ; Q14BM1 ; Q5W0J4 ; Q8N8U1 ; Q9H1J2 ; Q9NWL1 ; Q9P2D9 ; Q9Y4M9 ; A6NLJ5 ; D3DRS0
Molecular Weight	Calculated: 66kDa; 147kDa Observed: 180kDa
NCBI Official Full Name	regulator of nonsense transcripts 2
NCBI Official Synonym Full Names	UPF2, regulator of nonsense mediated mRNA decay
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/upf2-antibody-immunohistochemistry-western-blot-elisa/281048>