

Product datasheet for **TA383112S**

UPF2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IHC-P, 1:50 - 1:200 IP, 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	148kDa
Gene Name:	UPF2 regulator of nonsense transcripts homolog (yeast)
Database Link:	Entrez Gene 26019 Human Q9HAU5



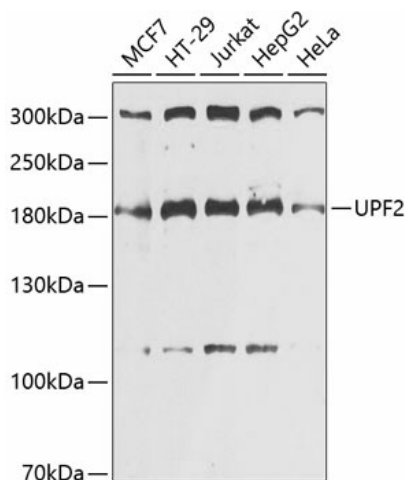
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Background:

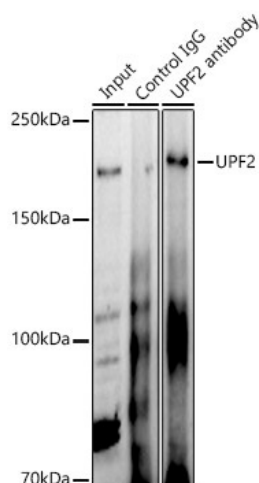
This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from 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.

Synonyms:

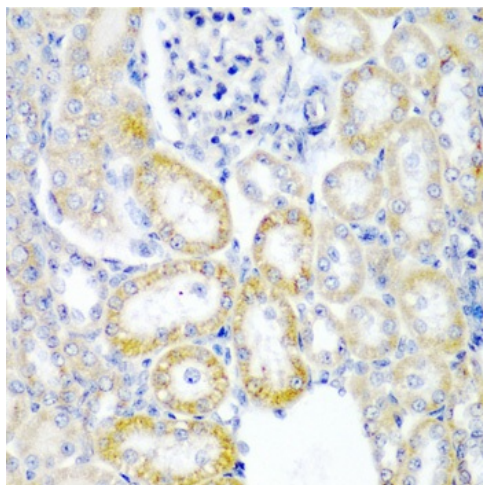
DKFZp434D222; HUPF2; KIAA1408; MGC138834; MGC138835; OTTHUMP00000019091; RENT2; smg-3

Product images:


Western blot analysis of various lysates



Immunoprecipitation analysis of 300ug extracts of 293T cells using 3ug UPF2 Rabbit pAb ([TA383112] 1:200). Western blot was performed from the immunoprecipitate using UPF2 Rabbit pAb (A7091) at a dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using UPF2 Rabbit pAb ([TA383112]) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.