

Datasheet for ABIN5704268
anti-RENT1/UPF1 antibody



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RENT1/UPF1 (UPF1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RENT1/UPF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	UPF1 regulator of nonsense transcripts homolog (yeast)
Isotype:	IgG

Target Details

Target:	RENT1/UPF1 (UPF1)
Alternative Name:	UPF1 (UPF1 Products)
Background:	Synonyms:ATP dependent helicase RENT1, FLJ43809, FLJ46894, HUPF1, KIAA0221, NORF1, pNORF1, RENT1, UPF1 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-

Target Details

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.

Molecular Weight: 43kDa

Gene ID: 5976

UniProt: [Q92900](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB : 1:500-1:5000,IHC:1:20-1:200,IF:1:20-1:200,IP:1:200-1:2000

Comment: HepG2 cells were subjected to SDS PAGE followed by western blot with FNab09270(UPF1 antibody) at dilution of 1:1000

Restrictions: For Research Use only

Handling

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze / thaw cycles.

Storage: -20 °C

Expiry Date: 12 months