



[Go to Product page](#)

Datasheet for ABIN7384488  
**anti-RENT1/UPF1 antibody**

### Overview

Quantity:	50 µL
Target:	RENT1/UPF1 (UPF1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RENT1/UPF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Clone:	R02-2E6
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	RENT1/UPF1 (UPF1)
Alternative Name:	RENT1 ( <a href="#">UPF1 Products</a> )
Background:	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,RENT1,Smg 2,Smg 2 homolog nonsense mediated mRNA decay factor,UP Frameshift

## Target Details

---

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,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.

---

Molecular Weight: Observed\_MW: 124kDa  
Calculated\_MW: 124kDa

---

Gene ID: 5976

---

UniProt: [Q92900](#)

---

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

## Application Details

---

Application Notes: WB 1:2000-1:3000 IHC 1:50-1:100 IF 1:50-1:100

Restrictions: For Research Use only

## Handling

---

Concentration: 300 µg/mL

Buffer: 50 mM Tris-Glycine( pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.