

Datasheet for ABIN357204

anti-RENT1/UPF1 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	RENT1/UPF1 (UPF1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RENT1/UPF1 antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human RENT1.
Isotype:	Ig Fraction
Specificity:	This antibody detects RENT1 at N-term.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	RENT1/UPF1 (UPF1)
Alternative Name:	UPF1 / RENT1 (UPF1 Products)
Background:	RENT1 is part of a post-splicing multiprotein complex involved in both mRNA nuclear export

Target Details

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. Synonyms: ATP-dependent helicase RENT1, KIAA0221, NORF1, Nonsense mRNA reducing factor 1, Regulator of nonsense transcripts 1, Up-frameshift suppressor 1 homolog

Molecular Weight: 124345 Da

Gene ID: 5976, 9606

UniProt: [Q92900](#)

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

Application Details

Application Notes: ELISA 1: 1,000.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

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 freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

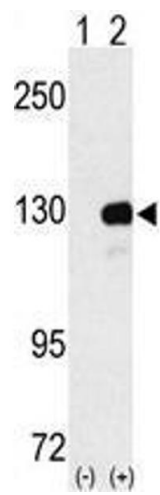


Image 1.