

Rabbit anti-Human, Mouse RENT1 Polyclonal Antibody | anti-RENT1 antibody

Rabbit anti-RENT1 Antibody, Affinity Purified

CATALOG # AAA211672	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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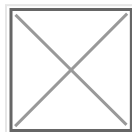
PRODUCT SYNONYMS

RENT1; Polyclonal Antibody; Rabbit anti-RENT1 Antibody; Affinity Purified; smg-2 homolog; nonsense mediated mRNA decay factor; yeast Upf1p homolog; up-frameshift suppressor 1 homolog; UPF1 regulator of nonsense transcripts homolog; smg-2; pNORF1; NORF1; ATP-dependent helicase RENT1; nonsense mRNA reducing factor 1; up-frameshift mutation 1 homolog; HUPF1; delta helicase; regulator of nonsense transcripts 1; Regulator of nonsense transcripts 1; UPF1; RNA helicase and ATPase; anti-RENT1 antibody

PRODUCT SPECIFICATIONS

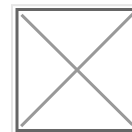
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-RENT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1079 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human RENT1 by western blot. Samples: Whole cell lysate (50 ug) from K-562, HEK293T, MCF-7, Jurkat, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RENT1 antibody (AAA211672 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



WB (Western Blot)

Detection of mouse RENT1 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RENT1 antibody (AAA211672 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human RENT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RENT1 antibody (AAA211672 lot 3) used for IP at 4 ug per reaction. RENT1 was also immunoprecipitated by a previous lot of this antibody (AAA211672 lot 2) and a second antibody against a different epitope of RENT1 . For blotting immunoprecipitated RENT1, AAA211672 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RENT1 antibody	RENT1, also known as UPF1, is a key regulator of the nonsense-mediated mRNA decay (NMD) pathway. The NMD pathway eliminates mRNAs that prematurely terminate during translation and may serve to protect the cells from dominant-negative effects of truncated proteins, or as a means to regulate protein expression. RENT1 is an ATP-dependent 5'- 3' RNA helicase and ATPase that localizes to the cytoplasm and is part of a post-splicing multiprotein complex as well as an mRNA decay complex.
Product Categories/Family for anti-RENT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18375673
NCBI GeneID	5976
UniProt Accession #	Q92900; O00239; O43343; Q86Z25; Q92842
NCBI Official Full Name	regulator of nonsense transcripts 1 [Homo sapiens]
NCBI Official Synonym Full Names	UPF1 regulator of nonsense transcripts homolog (yeast)
NCBI Official Symbol	UPF1
NCBI Official Synonym Symbols	HUPF1; NORF1; RENT1; pNORF1; FLJ43809; FLJ46894; KIAA0221; UPF1
UniProt Protein Name	Regulator of nonsense transcripts 1
UniProt Gene Name	UPF1
UniProt Synonym Gene Names	KIAA0221; RENT1; NORF1; hUpf1
UniProt Entry Name	RENT1_HUMAN

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/rent1-antibody-immunoprecipitation-western-blot-elisa/211672>