

Rabbit anti-Human, Mouse RENT2 Polyclonal Antibody | anti-RENT2 antibody

Rabbit anti-RENT2 Antibody, Affinity Purified

CATALOG # AAA212382	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

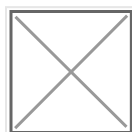
PRODUCT SYNONYMS

RENT2; Polyclonal Antibody; Rabbit anti-RENT2 Antibody; Affinity Purified; FRS2/UPF2/LEMD3 fusion; smg-3; yeast Upf2p homolog; up-frameshift suppressor 2 homolog; UPF2 regulator of nonsense transcripts homolog; smg-3 homolog; nonsense mediated mRNA decay factor; regulator of nonsense transcripts 2; nonsense mRNA reducing factor 2; LEMD3/UPF2 fusion; HUPF2; Regulator of nonsense transcripts 2; UPF2; regulator of nonsense mediated mRNA decay; anti-RENT2 antibody

PRODUCT SPECIFICATIONS

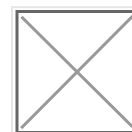
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RENT2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



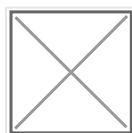
WB (Western Blot)

Detection of mouse RENT2 by western blot. Samples: Whole cell lysate from mouse NIH 3T3 (50ug), TCMK-1 (50ug), and 4T1 (50ug) cells. Antibodies: Affinity purified rabbit anti-RENT2 antibody AAA212382 (lot AAA212382-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



WB (Western Blot)

Detection of human RENT2 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 ug), HeLa (50ug), and Jurkat (50ug) cells. Antibodies: Affinity purified rabbit anti-RENT2 antibody AAA212382 (lot AAA212382-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human RENT2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-RENT2 antibody AAA212382 (lot AAA212382-1) used for IP at 6 ug/mg lysate. For blotting immunoprecipitated RENT2, AAA212382 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RENT2 antibody	Regulator of nonsense transcripts 2 (RENT2), also known as UPF2, is involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons by associating with the nuclear exon junction complex (EJC). RENT2 is recruited by UPF3B associated with the EJC core at the cytoplasmic side of the nuclear envelope and the subsequent formation of an UPF1-UPF2-UPF3 surveillance complex (including UPF1 bound to release factors at the stalled ribosome) is believed to activate NMD. In cooperation with UPF3B, RENT2 stimulates both ATPase and RNA helicase activities of UPF1. RENT2 binds spliced mRNA [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9HAU5].
Product Categories/Family for anti-RENT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11693132
NCBI GeneID	26019
NCBI Accession #	NP_056357.1
NCBI GenBank Nucleotide #	NM_015542.3
UniProt Accession #	Q9HAU5; Q14BM1; Q5W0J4; Q8N8U1; Q9H1J2; Q9NWL1; Q9P2D9; Q9Y4M9; A6NLJ5; D3DRS0
Molecular Weight	147,810 Da
NCBI Official Full Name	regulator of nonsense transcripts 2
NCBI Official Synonym Full Names	UPF2 regulator of nonsense transcripts homolog (yeast)
NCBI Official Symbol	UPF2
NCBI Official Synonym Symbols	HUPF2; RENT2; smg-3
NCBI Protein Information	regulator of nonsense transcripts 2; yeast Upf2p homolog; nonsense mRNA reducing factor 2; up-frameshift suppressor 2 homolog; smg-3 homolog, nonsense mediated mRNA decay factor
UniProt Protein Name	Regulator of nonsense transcripts 2
UniProt Gene Name	UPF2
UniProt Synonym Gene Names	KIAA1408; RENT2; hUpf2
UniProt Entry Name	RENT2_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/rent2-antibody-immunoprecipitation-western-blot-elisa/212382>