

Rabbit anti-Human RTEL1 Polyclonal Antibody | anti-RTEL1 antibody

RTEL1 Antibody

CATALOG # AAA232262	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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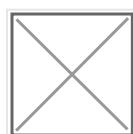
PRODUCT SYNONYMS

RTEL1; Polyclonal Antibody; RTEL1 Antibody; Regulator of telomere elongation helicase 1 (EC 3.6.4.12) (Novel helicase-like); C20orf41 KIAA1088 NHL; anti-RTEL1 antibody

PRODUCT SPECIFICATIONS

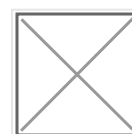
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1300
Applicable Applications for anti-RTEL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Regulator of telomere elongation helicase 1 protein (975-1219AA)
Research Area	Epigenetics and Nuclear Signaling
Target Names	RTEL1
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG-2 cells using AAA232262 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232262 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA232262 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-RTEL1 antibody	ATP-dependent DNA helicase implicated in telomere-length regulation, DNA repair and the maintenance of genomic stability. Acts as an anti-recombinase to counteract toxic recombination and limit crossover during meiosis. Regulates meiotic recombination and crossover homeostasis by physically dissociating strand invasion events and thereby promotes noncrossover repair by meiotic synthesis dependent strand annealing (SDSA) as well as disassembly of D loop recombination intermediates. Also disassembles T loops and prevents telomere fragility by counteracting telomeric G4-DNA structures, which together ensure the dynamics and stability of the telomere.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	545688900
NCBI GeneID	51750
NCBI Accession #	NP_001269938.1
NCBI GenBank Nucleotide #	NM_001283009.1
UniProt Accession #	Q9NZ71; Q5JTV3; Q5JTV4; Q9BW37; Q9H402; A2A397; A2A398; B4DRM5; B4DYM3; B4E3N6; E1P5J4; E1P5J5
NCBI Official Full Name	regulator of telomere elongation helicase 1 isoform 3
NCBI Official Synonym Full Names	regulator of telomere elongation helicase 1
NCBI Official Symbol	RTEL1
NCBI Official Synonym Symbols	NHL; RTEL; DKCA4; DKCB5; PFBMFT3; C20orf41
NCBI Protein Information	regulator of telomere elongation helicase 1
UniProt Protein Name	Regulator of telomere elongation helicase 1
UniProt Gene Name	RTEL1
UniProt Entry Name	RTEL1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rtel1-antibody-immunofluorescence-immunohistochemistry-elisa/232262>