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Datasheet for ABIN7167649

anti-RTEL1 antibody (AA 975-1219) (Biotin)

Overview

Quantity:	100 µg
Target:	RTEL1
Binding Specificity:	AA 975-1219
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RTEL1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Regulator of telomere elongation helicase 1 protein (975-1219AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RTEL1
Alternative Name:	RTEL1 (RTEL1 Products)
Background:	Background: 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

Target Details

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.

Aliases: RTEL1 antibody, C20orf41 antibody, KIAA1088 antibody, NHLRegulator of telomere elongation helicase 1 antibody, EC 3.6.4.12 antibody, Novel helicase-like antibody

UniProt: [Q9NZ71](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.