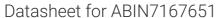
# antibodies .- online.com







## anti-RTEL1 antibody (AA 975-1219) (HRP)



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