

# RTEL1 Antibody, HRP conjugated



PACO46183

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## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:**

**Protein 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 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.

**Gene ID:**

RTEL1

**Uniprot**

Q9NZ71

**Synonyms:**

Regulator of telomere elongation helicase 1 (EC 3.6.4.12) (Novel helicase-like), RTEL1, C20orf41 KIAA1088 NHL

**Immunogen:**

Recombinant Human Regulator of telomere elongation helicase 1 protein (975-1219AA).

**Storage:**

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

## Product Images

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N/A

N/A