

#### Anti-RCL1 Antibody

Rabbit polyclonal antibody to RCL1 Catalog # AP60992

#### Specification

### Anti-RCL1 Antibody - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Calculated MW WB <u>O9Y2P8</u> <u>O9JJT0</u> Human, Mouse, Monkey, Bovine Rabbit Polyclonal 40843

#### Anti-RCL1 Antibody - Additional Information

Gene ID 10171

Other Names RNAC; RPC2; RPCL1; RTC2; RNA 3'-terminal phosphate cyclase-like protein

**Target/Specificity** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RCL1. The exact sequence is proprietary.

Dilution WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

### Anti-RCL1 Antibody - Protein Information

Name RCL1 (<u>HGNC:17687</u>)

Synonyms RNAC, RPC2, RPCL1, RTC2

Function

As part of the small subunit (SSU) processome, it plays a role in 40S-ribosomal-subunit biogenesis in the early pre-rRNA processing steps at sites A0, A1 and A2 that are required for proper maturation of the 18S RNA (By similarity). Activates BMS1 by promoting GDP/GTP exchange (By similarity). Does not have cyclase activity (By similarity).

**Cellular Location** 



Nucleus, nucleolus

## Anti-RCL1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

# Anti-RCL1 Antibody - Images



Western blot analysis of RCL1 expression in LO2 (A), A549 (B), COS7 (C) whole cell lysates.

### Anti-RCL1 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RCL1. The exact sequence is proprietary.