

Anti-RCL Antibody

Rabbit polyclonal antibody to RCL Catalog # AP61208

Specification

Anti-RCL Antibody - Product Information

Application
Primary Accession
Other Accession
Reactivity
Host
Clonality
Calculated MW

WB
043598
080VJ3
Human, Mouse, Rat
Rabbit
Polyclonal
19108

Anti-RCL Antibody - Additional Information

Gene ID 10591

Other Names

C6orf108; RCL; 2'-deoxynucleoside 5'-phosphate N-hydrolase 1; c-Myc-responsive protein RCL

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human RCL. 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-RCL Antibody - Protein Information

Name DNPH1 (HGNC:21218)

Function

Part of a nucleotide salvage pathway that eliminates epigenetically modified 5-hydroxymethyl-dCMP (hmdCMP) in a two-step process entailing deamination to cytotoxic 5-hydroxymethyl-dUMP (hmdUMP), followed by its hydrolysis into 5-hydroxymethyluracil (hmU) and 2-deoxy-D-ribose 5-phosphate (deoxyribosephosphate) (PubMed:33833118). Catalyzes the second step in that pathway, the hydrolysis of the N-glycosidic bond in hmdUMP, degrading this cytotoxic nucleotide to avoid its genomic integration (PubMed:33833118).



Cellular Location Cytoplasm. Nucleus

Tissue Location

Expressed at low levels in brain, colon, lung, peripheral blood leukocytes, placenta, small intestine, and thymus Expressed at high levels in heart, kidney, liver, skeletal muscle and spleen.

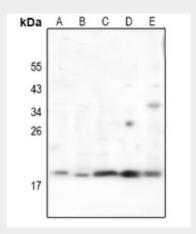
Overexpressed in a significant proportion of breast cancers

Anti-RCL Antibody - Protocols

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

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

Anti-RCL Antibody - Images



Western blot analysis of RCL expression in HepG2 (A), HEK293T (B), LO2 (C), PC12 (D), AML12 (E) whole cell lysates.

Anti-RCL Antibody - Background

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