

RCL1 rabbit pAb

Cat#: orb767307 (Manual)

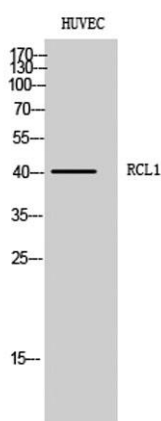
For research use only. Not intended for diagnostic use.

Product Name	RCL1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human RCL1. AA range:324-373
Specificity	RCL1 Polyclonal Antibody detects endogenous levels of RCL1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	RNA 3'-terminal phosphate cyclase-like protein
Gene Name	RCL1
Cellular localization	Nucleus, nucleolus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

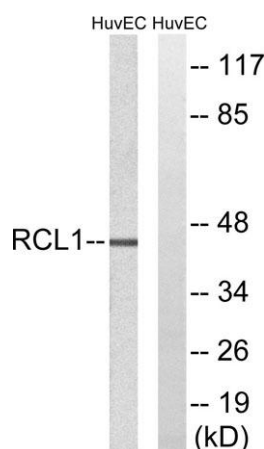
Concentration	1 mg/ml
Observed band	41kD
Human Gene ID	10171
Human Swiss-Prot Number	Q9Y2P8
Alternative Names	RCL1; RNAC; RPC2; RPCL1; RTC2; HSPC338; RNA 3'-terminal phosphate cyclase-like protein

Background

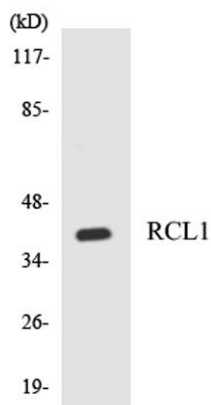
function:Does not have cyclase activity. Plays a role in 40S-ribosomal-subunit biogenesis in the early pre-rRNA processing steps at sites A0, A1 and A2 that are required for proper maturation of the 18S RNA.,similarity:Belongs to the RNA 3'-terminal cyclase family. Type 2 subfamily.,



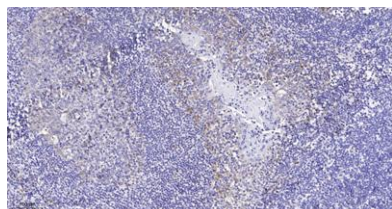
Western Blot analysis of HUVEC cells using RCL1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western blot analysis of lysates from HUVEC cells, using RCL1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using RCL1 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).