

RCL1 Polyclonal Antibody

Catalog No :	YT4033
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC
Target :	RCL1
Fields :	>>Ribosome biogenesis in eukaryotes
Gene Name :	RCL1
Protein Name :	RNA 3'-terminal phosphate cyclase-like protein
Human Gene Id :	10171
Human Swiss Prot No :	Q9Y2P8
Mouse Gene Id :	59028
Mouse Swiss Prot No :	Q9JJT0
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 41kD

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.,

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Subcellular Location : Nucleus, nucleolus .

Expression : Eye,Seminom,Umbilical cord blood,

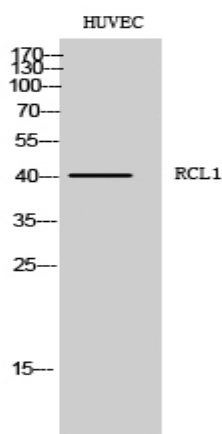
Sort : 14065

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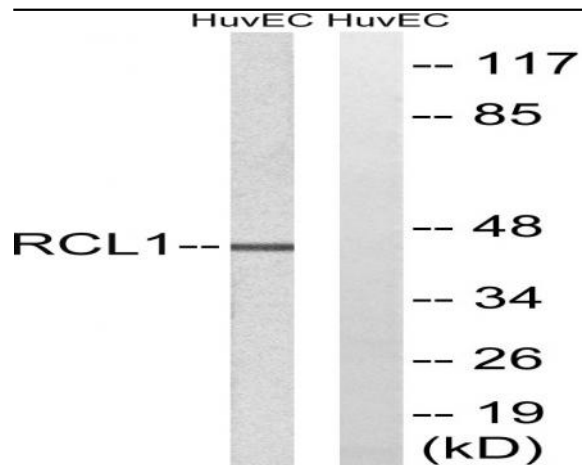
Host : Rabbit

Modifications : Unmodified

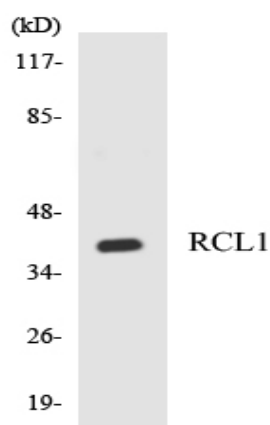
Products Images



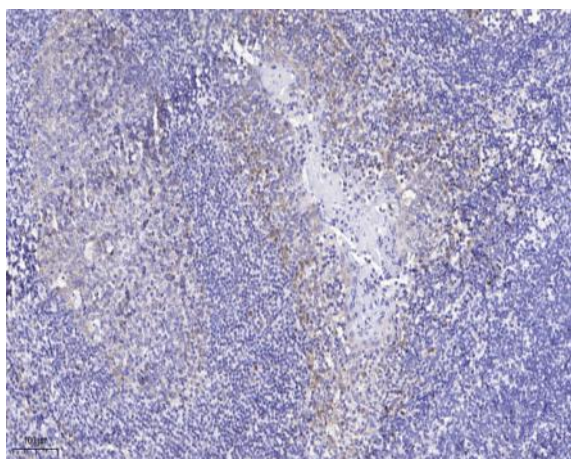
Western Blot analysis of HUVEC cells using RCL1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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).