



RCL Polyclonal Antibody

Catalog No	YP-Ab-01971
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC
Gene Name	RCL
Immunogen	The antiserum was produced against synthesized peptide derived from human RCL. AA range:1-50
Specificity	RCL Polyclonal Antibody detects endogenous levels of RCL protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DNPH1;2'-deoxynucleoside 5'-phosphate N-hydrolase 1;5-hydroxymethyl-dUMP N-hydrolase;c Myc responsive protein Rcl;c-Myc-responsive protein RCL;RCL; Deoxyribonucleoside 5'-monophosphate N-glycosidase;C6orf108
Observed Band	22kD
Calculated Molecular Weight	22kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	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.
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:May play a role during cellular proliferation and c-Myc-mediated transformation., tissue specificity:Expression is elevated in lymphoid cells that overexpress c-Myc.,



Background

This gene was identified on the basis of its stimulation by c-Myc protein. The latter is a transcription factor that participates in the regulation of cell proliferation, differentiation, and apoptosis. The exact function of this gene is not known but studies in rat suggest a role in cellular proliferation and c-Myc-mediated transformation. Two alternative transcripts encoding different proteins have been described. [provided by RefSeq, Jul 2008],

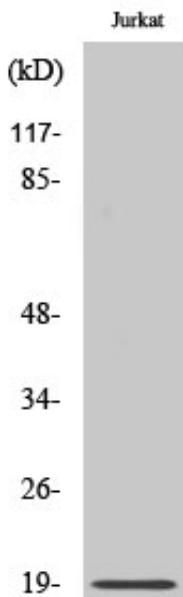
matters needing attention

Avoid repeated freezing and thawing!

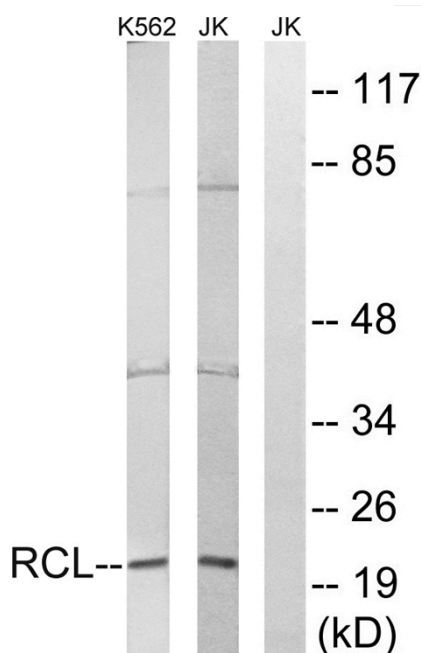
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

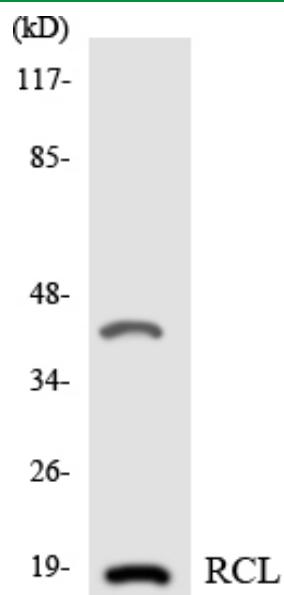
Products Images



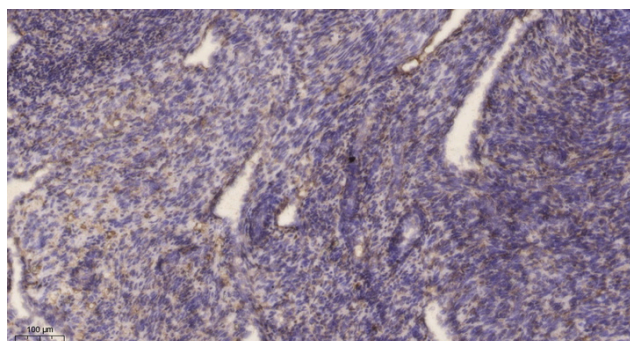
Western Blot analysis of various cells using RCL Polyclonal Antibody



Western blot analysis of lysates from Jurkat and K562 cells, using RCL Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using RCL antibody.



Immunohistochemical analysis of paraffin-embedded human uterus. 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).