abcam

Product datasheet

Anti-RCL1 antibody ab71344

1 Image

Overview

Product name	Anti-RCL1 antibody
Description	Rabbit polyclonal to RCL1
Host species	Rabbit
Tested applications	**Suitable for:** ELISA, WB
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide corresponding to Human RCL1 (N terminal) conjugated to keyhole limpet haemocyanin.
Positive control	A375 cell line lysate
General notes	This product was previously labelled as RNA terminal phosphate cyclase-like 1, RNA terminal phosphate cyclase-like 1

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Protein G purified
Purification notes	ab71344 is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab71344 in the following tested applications.

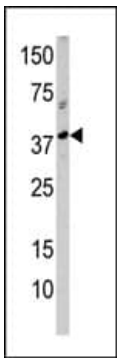
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/1000.
WB		1/100 - 1/500. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).

Target

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.
Sequence similarities	Belongs to the RNA 3'-terminal cyclase family. Type 2 subfamily.
Cellular localization	Nucleus > nucleolus.

Images



Western blot - Anti-RCL1 antibody (ab71344)

Anti-RCL1 antibody (ab71344) at 1/60 dilution + A375 cell line lysate at 35 µg

Predicted band size: 41 kDa
Observed band size: 41 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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