antibodies

## Datasheet for ABIN7168270 anti-RTCD1 antibody (AA 167-379) (Biotin)



Overview

Quantity:	100 µg
Target:	RTCD1
Binding Specificity:	AA 167-379
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RTCD1 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human RNA 3\'-terminal phosphate cyclase protein (167-379AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	RTCD1
Alternative Name:	RTCA (RTCD1 Products)
Background:	Background: Catalyzes the conversion of 3\'-phosphate to a 2\',3\'-cyclic phosphodiester at the
	end of RNA. The mechanism of action of the enzyme occurs in 3 steps: (A) adenylation of the

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## Target Details

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	enzyme by ATP, (B) transfer of adenylate to an RNA-N3\'P to produce RNA-N3\'PP5\'A, (C) and
	attack of the adjacent 2\'-hydroxyl on the 3\'-phosphorus in the diester linkage to produce the
	cyclic end product. The biological role of this enzyme is unknown but it is likely to function in
	some aspects of cellular RNA processing.
	Aliases: RTCA antibody, RPC antibody, RPC1 antibody, RTC1 antibody, RTCD1 antibody, RNA 3
	terminal phosphate cyclase antibody, RNA cyclase antibody, RNA-3'-phosphate cyclase
	antibody, EC 6.5.1.4 antibody, RNA terminal phosphate cyclase domain-containing protein 1
	antibody, RTC domain-containing protein 1 antibody
UniProt:	000442
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.