



[Go to Product page](#)

Datasheet for ABIN7168272  
**anti-RTCD1 antibody (AA 167-379) (HRP)**

### Overview

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

### Product Details

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

### Target Details

Target:	RTCD1
Alternative Name:	RTCA ( <a href="#">RTCD1 Products</a> )
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

## 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: [O00442](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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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 handled by trained staff only.

Storage: -20 °C,-80 °C

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