



# RTCD1 rabbit pAb

Cat No.:ES7842

For research use only

## Overview

<b>Product Name</b>	RTCD1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RTCD1. AA range:317-366
<b>Specificity</b>	RTCD1 Polyclonal Antibody detects endogenous levels of RTCD1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	RNA 3'-terminal phosphate cyclase
<b>Gene Name</b>	RTCA
<b>Cellular localization</b>	Nucleus, nucleoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	40kD
<b>Human Gene ID</b>	8634
<b>Human Swiss-Prot Number</b>	O00442
<b>Alternative Names</b>	RTCA; RPC; RPC1; RTC1; RTCD1; RNA 3'-terminal phosphate cyclase; RNA cyclase; RNA-3'-phosphate cyclase; RNA terminal phosphate cyclase domain-containing protein 1; RTC domain-containing protein 1
<b>Background</b>	RNA 3'-terminal phosphate cyclase(RTCA) Homo sapiens This gene encodes a member of the



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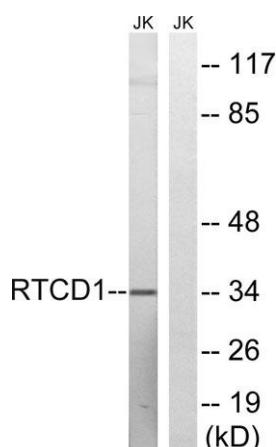
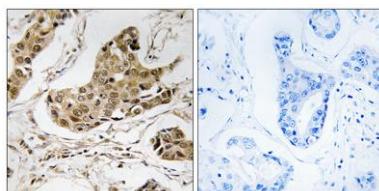
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RNA 3'-phosphate cyclase family. The encoded protein plays a role in RNA metabolism by catalyzing the ATP-dependent conversion of the 3'-phosphate of RNA substrates to a 2',3'-cyclic phosphodiester. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012],

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RTCD1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using RTCD1 Antibody. The lane on the right is blocked with the synthesized peptide.

