

## ARG41131 anti-CNOT9 / RQCD1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CNOT9 / RQCD1
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CNOT9 / RQCD1
Species	Human
Immunogen	KLH-conjugated synthetic peptide between aa. 106-134 of Human CNOT9 / RQCD1.
Conjugation	Un-conjugated
Alternate Names	RCD-1; Rcd-1; RCD1; Cell differentiation protein RCD1 homolog; CNOT9; CT129; CCR4-NOT transcription complex subunit 9; CAF40

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

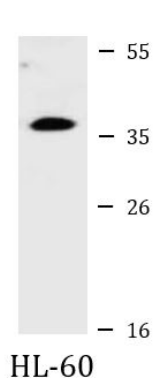
### Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	RQCD1
Gene Full Name	RCD1 required for cell differentiation1 homolog (S. pombe)
Background	This gene encodes a member of the highly conserved RCD1 protein family. The encoded protein is a transcriptional cofactor and a core protein of the CCR4-NOT complex. It may be involved in signal transduction as well as retinoic acid-regulated cell differentiation and development. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Oct 2012]
Function	Component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Involved in down-regulation of MYB- and JUN-dependent transcription. May play a role in cell differentiation (By similarity). Can bind oligonucleotides, such as poly-G, poly-C or poly-T (in vitro), but the physiological relevance of this is not certain. Does not bind poly-A. Enhances ligand-dependent transcriptional activity of nuclear hormone receptors, including RARA, expect ESR1-mediated transcription that is not only slightly increased, if at all. [UniProt]
Calculated Mw	34 kDa
Cellular Localization	Nucleus. Cytoplasm, P-body. Note=NANOS2 promotes its localization to P-body. [UniProt]

## Images



ARG41131 anti-CNOT9 / RQCD1 antibody WB image

Western blot: 20 µg of HL-60 whole cell lysate stained with ARG41131 anti-CNOT9 / RQCD1 antibody at 1:500 dilution.