

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.