

RQCD1 Antibody - middle region Rabbit Polyclonal Antibody

Catalog # Al15317

Specification

RQCD1 Antibody - middle region - Product Information

Application Primary Accession Other Accession Reactivity

Predicted

Host Clonality Calculated MW WB <u>Q92600</u> <u>NM_005444</u>, <u>NP_005435</u> Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Yeast, Bovine, Guinea Pig, Dog Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog Rabbit Polyclonal 34kDa KDa

RQCD1 Antibody - middle region - Additional Information

Gene ID 9125

Alias Symbol CNOT9, CT129, RCD1, RCD1+ Other Names Cell differentiation protein RCD1 homolog, Rcd-1, CCR4-NOT transcription complex subunit 9, RQCD1, CNOT9, RCD1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-RQCD1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions RQCD1 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

RQCD1 Antibody - middle region - Protein Information

Name CNOT9 (HGNC:10445)

Synonyms RCD1, RQCD1

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.

Cellular Location Nucleus {ECO:0000250|UniProtKB:Q9JKY0}. Cytoplasm, P-body {ECO:0000250|UniProtKB:Q9JKY0}. Note=NANOS2 promotes its localization to P-body. {ECO:0000250|UniProtKB:Q9JKY0}

Tissue Location Detected in spleen, thymus, prostate, testis, ovary and intestine.

RQCD1 Antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

RQCD1 Antibody - middle region - Images

40 kDa_ 22 kDa_ *

Host: Rabbit Target Name: RQCD1 Sample Tissue: 721_B Whole cell lysate

Antibody Dilution: 1.0μ g/mlRQCD1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

RQCD1 Antibody - middle region - References

Okazaki N.,et al.Mol. Cell. Biol. 18:887-895(1998). Ota T.,et al.Nat. Genet. 36:40-45(2004). Hillier L.W.,et al.Nature 434:724-731(2005). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Bienvenut W.V.,et al.Submitted (OCT-2009) to UniProtKB.

