

RQCD1 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15317**Specification**

RQCD1 Antibody - middle region - Product Information

Application	WB
Primary Accession	O92600
Other Accession	NM_005444 , NP_005435
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	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

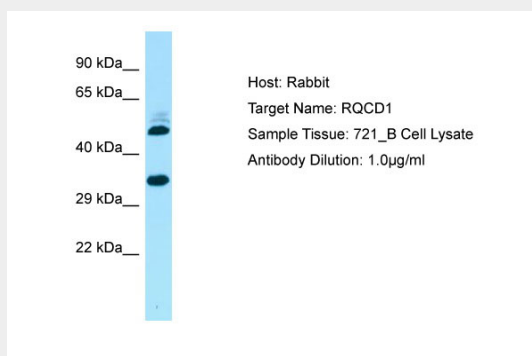
Detected in spleen, thymus, prostate, testis, ovary and intestine.

RQCD1 Antibody - middle region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RQCD1 Antibody - middle region - Images



Host: Rabbit

Target Name: RQCD1

Sample Tissue: 721_B Whole cell lysate

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Antibody Dilution: 1.0µg/ml RQCD1 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.

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