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RQCD1 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI15317

Product Information

Application	WB
Primary Accession	Q92600
Other Accession	NM_005444, NP_005435
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33631

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.

Protein Information

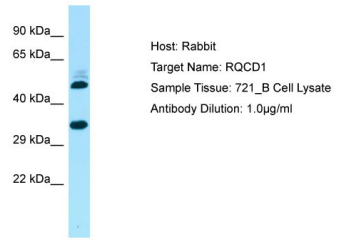
Name	CNOT9 (HGNC:10445)
Synonyms	RCD1, RQCD1
Function	Component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation 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.

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.

Images



Host: Rabbit
Target Name: RQCD1
Sample Tissue: 721_B Whole cell lysate
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Antibody Dilution: 1.0µg/mlRQCD1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells