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CCT2 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI14953

Product Information

Application	WB
Primary Accession	P78371
Other Accession	NM_006431, NP_006422
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, 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	57488

Additional Information

Gene ID	10576
Alias Symbol	99D8.1, CCT-beta, CCTB, MGC142074, MGC142076, PRO1633, TCP-1-beta
Other Names	T-complex protein 1 subunit beta, TCP-1-beta, CCT-beta, CCT2, 99D8.1, CCTB
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-CCT2 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	CCT2 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

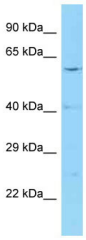
Name	CCT2 {ECO:0000303|PubMed:25467444, ECO:0000312|HGNC:HGNC:1615}
Function	Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of actin, tubulin and other proteins upon ATP hydrolysis (PubMed:25467444, PubMed:36493755, PubMed:35449234, PubMed:37193829). The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance (PubMed:25467444). As part of the TRiC complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia (PubMed:20080638). Cytoplasm.

Cellular Location

References

Won K.-A.,et al.Mol. Cell. Biol. 18:7584-7589(1998).
Xin Y.,et al.Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-CCT2 Antibody Titration: 1.0 µg/ml
Positive Control: MCF7 Whole CellCCT2 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.