

CCT2 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14953**Specification****CCT2 Antibody - middle region - Product Information**

Application	WB
Primary Accession	P78371
Other Accession	NM_006431 , NP_006422
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

CCT2 Antibody - middle region - 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.

CCT2 Antibody - middle region - 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).

Cellular Location

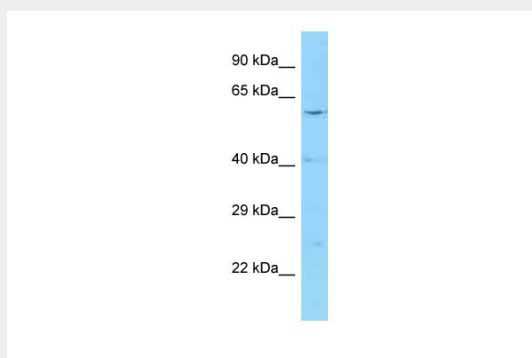
Cytoplasm.

CCT2 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](#)

CCT2 Antibody - middle region - Images



WB Suggested Anti-CCT2 Antibody Titration: 1.0 µg/ml

Positive Control: MCF7 Whole Cell CCT2 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells

CCT2 Antibody - middle region - 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.
Kalnina 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.