

TCP1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14993**Specification**

TCP1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P17987
Other Accession	NM_030752 , NP_110379
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Rabbit, Pig, Horse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 61kDa KDa

TCP1 antibody - C-terminal region - Additional Information**Gene ID** 6950**Alias Symbol** CCT-alpha, CCT1, CCTa, D6S230E, TCP-1-alpha**Other Names**

T-complex protein 1 subunit alpha, TCP-1-alpha, CCT-alpha, TCP1, CCT1, CCTA

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-TCP1 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

TCP1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TCP1 antibody - C-terminal region - Protein Information**Name** TCPA**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](http://www.uniprot.org/citations/25467444), PubMed: [36493755](http://www.uniprot.org/citations/36493755), PubMed: [35449234](http://www.uniprot.org/citations/35449234), PubMed: [37193829](http://www.uniprot.org/citations/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

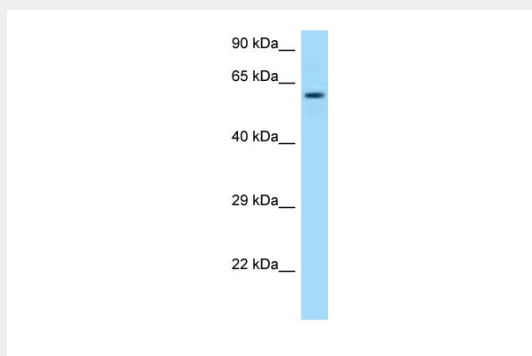
Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

TCP1 antibody - C-terminal 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](#)

TCP1 antibody - C-terminal region - Images



WB Suggested Anti-TCP1 Antibody Titration: 1.0 µg/ml
Positive Control: Placenta

TCP1 antibody - C-terminal region - References

Kirchhoff C., et al. Nucleic Acids Res. 18:4247-4247(1990).
Kalnine N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Mungall A.J., et al. Nature 425:805-811(2003).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Gevaert K., et al. Nat. Biotechnol. 21:566-569(2003).