

CCT6A Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6612c

Specification

CCT6A Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P40227](#)

CCT6A Antibody (Center) Blocking Peptide - Additional Information

Gene ID 908

Other Names

T-complex protein 1 subunit zeta, TCP-1-zeta, Acute morphine dependence-related protein 2, CCT-zeta-1, HTR3, Tcp20, CCT6A, CCT6, CCTZ

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6612c](#) was selected from the Center region of human CCT6A. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CCT6A Antibody (Center) Blocking Peptide - Protein Information

Name CCT6A

Synonyms CCT6, CCTZ

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](http://www.uniprot.org/citations/25467444)).

Cellular Location

Cytoplasm.

CCT6A Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CCT6A Antibody (Center) Blocking Peptide - Images**CCT6A Antibody (Center) Blocking Peptide - Background**

CCT6A is a molecular chaperone that is member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin.

CCT6A Antibody (Center) Blocking Peptide - References

Kubota,H., Curr. Biol. 4 (2), 89-99 (1994)