

**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)