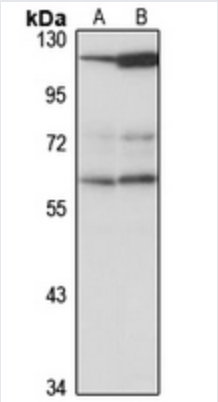
CCT6B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCT6B, Polyclonal Antibody
Full Product Name	Anti-CCT6B Antibody
Product Gene Name	anti-CCT6B antibody
Product Synonym Names	T-complex protein 1 subunit zeta-2; TCP-1-zeta-2; CCT-zeta-2; CCT-zeta-like; TCP-1-zeta-like; Testis-specific Tcp20; Testis-specific protein TSA303
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of CCT6B protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	57,821 Da
OMIM	610730
3D Structure	ModBase 3D Structure for Q92526
Immunogen	Recombinant fusion protein of human CCT6B. The exact sequence is proprietary.
Applications Tested/Suitable for anti-CCT6B antibody	Western Blot (WB)
Application Notes for anti-CCT6B antibody	WB: 1:500-1:2000
Related Product Information for anti-CCT6B antibody	MBS8306210 is an antibody targeting CCT6B. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to CCT6B
Other Notes	Small volumes of anti-CCT6B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CCT6B antibody
Western blot analysis of CCT6B expression in mouse testis (A), rat testis (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCT6B. It may not necessarily be applicable to this product.

NCBI GI #	119600607
NCBI GeneID	10693
NCBI Accession #	EAW80201.1
UniProt Primary Accession #	Q92526
UniProt Secondary Accession #	Q61390
UniProt Related Accession #	Q92526
NCBI Official Full Name	chaperonin containing TCP1, subunit 6B (zeta 2)
NCBI Official Synonym Full Names	chaperonin containing TCP1, subunit 6B (zeta 2)
NCBI Official Symbol	CCT6B
NCBI Official Synonym Symbols	Cctz2; CCTZ-2; TSA303; CCT-zeta-2; TCP-1-zeta-2
UniProt Protein Name	T-complex protein 1 subunit zeta-2
UniProt Synonym Protein Names	CCT-zeta-2; CCT-zeta-like; TCP-1-zeta-like; Testis-specific Tcp20; Testis-specific protein TSA303
Protein Family	T-complex protein
UniProt Gene Name	CCT6B
UniProt Synonym Gene Names	TCP-1-zeta-2
UniProt Entry Name	TCPW_HUMAN
NCBI Protein Information	T-complex protein 1 subunit zeta-2; testis-specific Tcp20; testis-specific protein TSA303; T-complex protein 1, zeta-2 subunit
NCBI Summary for CCT6B	This gene encodes a molecular chaperone that is a 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. Alternate transcriptional splice variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]

UniProt Comments for CCT6B	CCT-zeta-2: Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. Known to play a role, in vitro, in the folding of actin and tubulin. Belongs to the TCP-1 chaperonin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Chaperone Chromosomal Location of Human Ortholog: 17q12 Cellular Component: chaperonin-containing T-complex Molecular Function: unfolded protein binding; ATP binding; protein transporter activity Biological Process: protein transport; protein folding; spermatogenesis; chaperone-mediated protein complex assembly
Research Articles on CCT6B	**1.** antagonistic actions of PhLP3 and prefoldin serve to modulate CCT activity and play a key role in establishing a functional cytoskeleton in vivo
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