CCT6B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCT6B, Polyclonal Antibody
Full Product Name	CCT6B Antibody, FITC conjugated
Product Gene Name	anti-CCT6B antibody
Product Synonym Names	T-complex protein 1 subunit zeta-2; TCP-1-zeta-2; CCT6B; CCT-zeta-2; CCT-zeta-like; TCP-1-zeta-like; Testis-specific Tcp20; Testis-specific protein TSA303
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	>95%, Protein G Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: CCT6B (MBS1495758) FITC Conjugated Antibody: CCT6B (MBS1498254)
Molecular Weight	53,586 Da
OMIM	610730
3D Structure	ModBase 3D Structure for Q92526
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	FITC
Immunogen	Recombinant human T-complex protein 1 subunit zeta-2 protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CCT6B antibody	ELISA (EIA)
Related Product Information for anti-CCT6B antibody	Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. Known to play a role, in vitro, in the folding of actin and tubulin (By similarity).
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.
Searchable Terms for CCT6B purchase	MBS1498254 is an antibody targeting CCT6B. Also known as CCT6B Antibody, FITC conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	302058290
NCBI GeneID	10693

NCBI Accession #	NP_001180458.1
UniProt Primary Accession #	Q92526
UniProt Secondary Accession #	Q8TC34; B4DX20; B4DYB0
UniProt Related Accession #	Q92526
GenBank Nucleotide #	NM_001193529.2
NCBI Official Full Name	T-complex protein 1 subunit zeta-2 isoform 2
NCBI Official Synonym Full Names	chaperonin containing TCP1 subunit 6B
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
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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]
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; cytoplasm Molecular Function: ATP binding; protein transporter activity; unfolded protein binding Biological Process: chaperone-mediated protein complex assembly; protein folding; protein transport; spermatogenesis
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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