TBCC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TBCC, Polyclonal Antibody
Full Product Name	TBCC Antibody
Product Gene Name	anti-TBCC antibody
Product Synonym Names	Tubulin-specific chaperone C (Tubulin-folding cofactor C)(CFC)
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of TBCC at Human, Mouse
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	39,248 Da
OMIM	602971
3D Structure	ModBase 3D Structure for Q15814
Immunogen	Synthesized peptide derived from human TBCC
Modification	Unmodified/Total
Product Categories/Family for anti-TBCC antibody	Primary Antibodies
Applications Tested/Suitable for anti-TBCC antibody	Western Blot (WB)
Application Notes for anti-TBCC antibody	WB: 1:500-2000
Related Product Information for anti-TBCC antibody	MBS9522560 is an antibody targeting TBCC. Also known as TBCC Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-TBCC 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.

ADDITIONAL DETAILS

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

NCBI GI #	4507373
NCBI GeneID	6903

NCBI Accession #	NP_003183.1
UniProt Primary Accession #	Q15814
UniProt Secondary Accession #	Q53Y43; Q5T787
UniProt Related Accession #	Q15814
GenBank Nucleotide #	NM_003192.2
NCBI Official Full Name	tubulin-specific chaperone C
NCBI Official Synonym Full Names	tubulin folding cofactor C
NCBI Official Symbol	TBCC
NCBI Official Synonym Symbols	CFC
UniProt Protein Name	Tubulin-specific chaperone C
UniProt Synonym Protein Names	Tubulin-folding cofactor C; CFC
Protein Family	TBCC domain-containing protein
UniProt Gene Name	TBCC
UniProt Synonym Gene Names	CFC
UniProt Entry Name	TBCC_HUMAN
NCBI Protein Information	tubulin-specific chaperone C; tubulin-folding cofactor C
NCBI Summary for TBCC	Cofactor C is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin intermediates in a quasi-native confirmation. Cofactor E binds to the cofactor D/beta-tubulin complex; interaction with cofactor C then causes the release of beta-tubulin polypeptides that are committed to the native state. [provided by RefSeq, Jul 2008]
UniProt Comments for TBCC	TBCC: Tubulin-folding protein; involved in the final step of the tubulin folding pathway. Belongs to the TBCC family. Chromosomal Location of Human Ortholog: 6p21.1 Cellular Component: microtubule; cytoskeleton; cytoplasm; photoreceptor connecting cilium Molecular Function: GTPase activity; chaperone binding Biological Process: 'de novo' posttranslational protein folding; cellular protein metabolic process; protein folding; cell morphogenesis; post-chaperonin tubulin folding pathway
Research Articles on TBCC	**1.** a testable model for TBCC N-terminal domain/tubulin recognition in which the highly charged N-terminus as well as residues from the three helices and the loops interact with the acidic hypervariable regions of tubulin monomers
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