

TBCC Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2219a**Specification****TBCC Antibody - Product Information**

Application	E, WB, IF, IHC
Primary Accession	Q15814
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	39.2kDa KDa

Description

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.

Immunogen

Purified recombinant fragment of human *** (AA: 1-196) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

TBCC Antibody - Additional Information

Gene ID 6903

Other Names

Tubulin-specific chaperone C, Tubulin-folding cofactor C, CFC, TBCC

Dilution

E~~1/10000
WB~~1/500 - 1/2000
IF~~1/200 - 1/1000
IHC~~1/200 - 1/1000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TBCC Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TBCC Antibody - Protein Information

Name TBCC

Function

Tubulin-folding protein; involved in the final step of the tubulin folding pathway.

Cellular Location

Cytoplasm. Note=Detected predominantly in the photoreceptor connecting cilium

Tissue Location

Expressed in the retina. Expressed in the rod and cone photoreceptors, extending from the inner segments (IS), through the outer nuclear layer (ONL) and into the synapses in the outer plexiform layer (OPL). Strongly expressed to the photoreceptor connecting cilium at the tips of the IS (at protein level)

TBCC Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)