

TBCC Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2219a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	Q15814
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	7G6H1
Isotype	IgG1
Calculated MW	39248
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

Additional Information

Gene ID	6903
Other Names	Tubulin-specific chaperone C, Tubulin-folding cofactor C, CFC, TBCC
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 ICC~~N/A E~~1/10000
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.

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)

References

1.PLoS One. 2011;6(10):e25912.2.BMC Cancer. 2010 Apr 12;10:135.

Images

