

# TBCC Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2219a

## Product Information

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<b>Application</b>	WB, IHC, ICC, E
<b>Primary Accession</b>	<a href="#">Q15814</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	7G6H1
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	39248
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human *** (AA: 1-196) expressed in E. Coli.
<b>Formulation</b>	Purified antibody in PBS with 0.05% sodium azide

## Additional Information

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<b>Gene ID</b>	6903
<b>Other Names</b>	Tubulin-specific chaperone C, Tubulin-folding cofactor C, CFC, TBCC
<b>Dilution</b>	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 ICC~~N/A E~~1/10000
<b>Storage</b>	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.
<b>Precautions</b>	TBCC Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TBCC
<b>Function</b>	Tubulin-folding protein; involved in the final step of the tubulin folding pathway.

<b>Cellular Location</b>	Cytoplasm. Note=Detected predominantly in the photoreceptor connecting cilium
<b>Tissue Location</b>	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

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

## Images

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