

TBCA Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13004a**Specification**

TBCA Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [O75347](#)**TBCA Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 6902**Other Names**

Tubulin-specific chaperone A, TCP1-chaperonin cofactor A, Tubulin-folding cofactor A, CFA, TBCA

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TBCA Antibody (N-term) Blocking peptide - Protein Information**Name** TBCA**Function**

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

Cellular Location

Cytoplasm, cytoskeleton.

TBCA Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TBCA Antibody (N-term) Blocking peptide - Images**TBCA Antibody (N-term) Blocking peptide - Background**

The product of this gene 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. This gene encodes chaperonin cofactor A.

TBCA Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010) Bruneel, A., et al. Proteomics 5(15):3876-3884(2005) Nolasco, S., et al. FEBS Lett. 579(17):3515-3524(2005) Guasch, A., et al. J. Mol. Biol. 318(4):1139-1149(2002)