

TBCA Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13004a**Specification**

TBCA Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O75347
Other Accession	P80584 , NP_004598.1
Reactivity	Human
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	12855
Antigen Region	15-44

TBCA Antibody (N-term) - Additional Information**Gene ID** 6902**Other Names**

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

Target/Specificity

This TBCA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-44 amino acids from the N-terminal region of human TBCA.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

TBCA Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TBCA Antibody (N-term) - Protein Information**Name** TBCA

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

Cellular Location

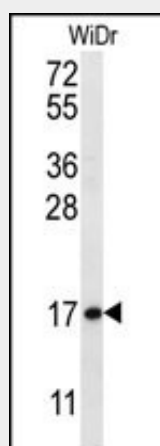
Cytoplasm, cytoskeleton.

TBCA Antibody (N-term) - 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](#)

TBCA Antibody (N-term) - Images



TBCA Antibody (N-term) (Cat. #AP13004a) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the TBCA antibody detected the TBCA protein (arrow).

TBCA Antibody (N-term) - 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 conformation. 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) - 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)