

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

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**TBCA Antibody (N-term) - Product Information**

|                   |  |
|-------------------|--|
| Application       | WB,E   |
| Primary Accession | <a href="#">O75347</a>                               |
| Other Accession   | <a href="#">P80584</a> , <a href="#">NP_004598.1</a> |
| 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

**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

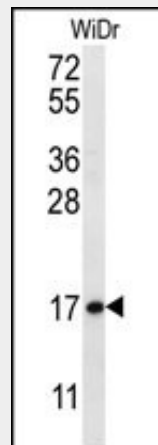
Cytoplasm, cytoskeleton.

### 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 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) - 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)