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TBCE Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9670c

Specification

TBCE Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q15813
Other Accession	NP_003184
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**59346**
Antigen Region	**364-392**

TBCE Antibody (Center) - Additional Information

Gene ID 6905

Other Names
Tubulin-specific chaperone E, Tubulin-folding cofactor E, TBCE

Target/Specificity
This TBCE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 364-392 amino acids from the Central region of human TBCE.

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
TBCE Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TBCE Antibody (Center) - Protein Information

Name TBCE

Function Tubulin-folding protein; involved in the second step of the tubulin folding pathway and

in the regulation of tubulin heterodimer dissociation. Required for correct organization of microtubule cytoskeleton and mitotic splindle, and maintenance of the neuronal microtubule network.

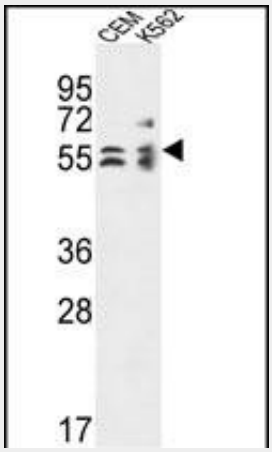
Cellular Location
Cytoplasm. Cytoplasm, cytoskeleton

TBCE Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TBCE Antibody (Center) - Images



TBCE Antibody (Center) (Cat. #AP9670c) western blot analysis in CEM,K562 cell line lysates (35ug/lane).This demonstrates the TBCE antibody detected the TBCE protein (arrow).

TBCE Antibody (Center) - Background

Cofactor E 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.

TBCE Antibody (Center) - References

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