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TBCK Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18361A

Specification

TBCK Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q8TEA7
Other Accession	Q8BM85, NP_001156907.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**100679**
Antigen Region	**109-135**

TBCK Antibody (N-term) - Additional Information

Gene ID 93627

Other Names
TBC domain-containing protein kinase-like protein, TBCK {ECO:0000303|PubMed:12471243}, TBCKL

Target/Specificity
This TBCK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-135 amino acids from the N-terminal region of human TBCK.

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

TBCK Antibody (N-term) - Protein Information

Name TBCK {ECO:0000303|PubMed:12471243}

Synonyms TBCKL

Function Involved in the modulation of mTOR signaling and expression of mTOR complex components (PubMed:27040691, PubMed:23977024). Involved in the regulation of cell proliferation and growth (PubMed:23977024, PubMed:24576458). Involved in the control of actin-cytoskeleton organization (PubMed:23977024).

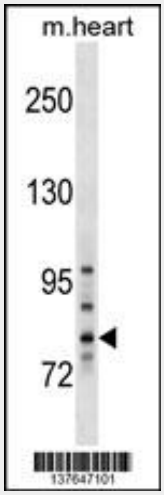
Cellular Location
Cytoplasm. Cytoplasm, cytoskeleton, spindle. Midbody Note=Mainly localized in the cytoplasm during interphase. During metaphase, TBCK accumulates at the mitotic spindle. At the end of mitosis, it is detected at the midbody.

TBCK 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 Cytomety
- Cell Culture

TBCK Antibody (N-term) - Images



TBCK Antibody (N-term) (Cat. #AP18361a) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the TBCK Antibody detected the TBCK protein (arrow).

TBCK Antibody (N-term) - Background

The function of HSPC302 has not yet been determined.

TBCK Antibody (N-term) - References

Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010)
Ishibashi, K., et al. Genes Cells 14(1):41-52(2009)