

**TBCK Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18361A****Specification**

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

Application	WB,E
Primary Accession	<a href="#">Q8TEA7</a>
Other Accession	<a href="#">Q8BM85</a> , <a href="#">NP_001156907.1</a>
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**

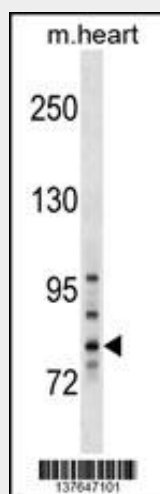
Cytoplasm. Cytoplasm, cytoskeleton, spindle. Midbody Note=Mainly localized in the cytoplasm during interphase. During metaphase, TBCK accumulates at the mitotic spindle. At the end of mitosis, it is detected at the midbody.

#### **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 Cytometry](#)
- [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)