



Rabbit Anti-HSPC302/TBCK antibody

SL18091R

Product Name:	HSPC302/TBCK
Chinese Name:	TBC结构域的蛋白激酶样蛋白抗体
Alias:	Hypothetical protein MGC16169; MGC16169; TBC domain containing protein kinase like; TBC domain containing protein kinase like protein; TBC domain-containing protein kinase-like protein; TBCK; TBCK HUMAN; TBCKL.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Zebrafish,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	101kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HSPC302/TBCK:461-560/893
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a protein that contains a protein kinase domain, a Rhodanase-like domain and the Tre-2/Bub2/Cdc16 (TBC) domain. The encoded protein is thought to play a role in actin organization, cell growth and cell proliferation by regulating the mammalian target of the rapamycin (mTOR) signaling pathway. This protein may also be involved in the transcriptional regulation of the components of the mTOR complex.

Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

Similarity:

Belongs to the protein kinase superfamily. Contains 1 protein kinase domain. Contains 1 Rab-GAP TBC domain. Contains 1 rhodanese domain.

SWISS:

Q8TEA7

Gene ID:

93627

Database links:

[Entrez Gene: 93627](#) Human

[Entrez Gene: 271981](#) Mouse

[Entrez Gene: 295446](#) Rat

[SwissProt: Q8TEA7](#) Human

[SwissProt: Q8BM85](#) Mouse

[Unigene: 292986](#) Human

[Unigene: 257864](#) Mouse

[Unigene: 391954](#) Mouse

[Unigene: 440106](#) Mouse

[Unigene: 25335](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.