

For Research Use Only

# TBC1D15 Polyclonal antibody

Catalog Number: 17252-1-AP



## Basic Information

<b>Catalog Number:</b> 17252-1-AP	<b>GenBank Accession Number:</b> BC028352	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 160 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 64786	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> TBC1 domain family, member 15	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 691 aa, 79 kDa	
<b>Immunogen Catalog Number:</b> AG10625	<b>Observed MW:</b> 79 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, HEK-293T cells, A431 cells, mouse liver tissue, rat liver tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

TBC1D15 is a highly conserved protein belonging to the TBC domain family and has similar functions to Rab-GAP. TBC1D15 is ubiquitously expressed and localized predominantly to the cytosol. TBC1D15 is a protein that contains a conserved Tre2/Bub2/Cdc16 (TBC) domain. TBC1D15 can serve as a mitochondrial Rab GTPase-activating protein (Rab-GAP) and influence autophagosome biogenesis and morphology downstream of Parkin activation. TBC1D15 can also control stem cell self-renewal when coupled with the Numb-p53 complex.

## Storage

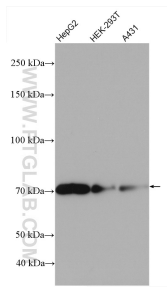
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

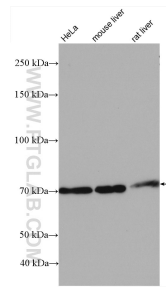
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17252-1-AP (TBC1D15 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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