

For Research Use Only

# TBC1D20 Polyclonal antibody

Catalog Number: 16464-1-AP



## Basic Information

<b>Catalog Number:</b> 16464-1-AP	<b>GenBank Accession Number:</b> BC014983	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 128637	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96BZ9	
<b>Isotype:</b> IgG	<b>Full Name:</b> TBC1 domain family, member 20	
<b>Immunogen Catalog Number:</b> AG9539	<b>Calculated MW:</b> 403 aa, 46 kDa	
	<b>Observed MW:</b> 38-40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, A549 cells, LNCaP cells
<b>Species Specificity:</b> human	

## Background Information

TBC1D20 belongs to a family of GTPase activator proteins of Rab-like small GTPases. TBC1D20 is an endoplasmic reticulum (ER) type II membrane protein with the TBC domain positioned in the cytosol. Depletion of this protein inhibits replication of the virus and HCV infection. Mutations in this gene are associated with Warburg micro syndrome 4.

## 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

For technical support and original validation data for this product please contact:

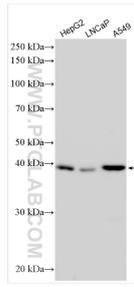
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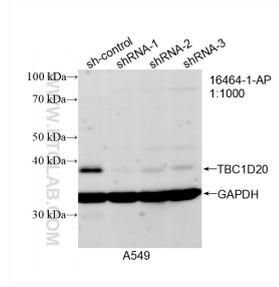
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16464-1-AP (TBC1D20 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of TBC1D20 antibody (16464-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TBC1D20 transfected A549 cells.