

For Research Use Only

# TBC1D20 Polyclonal antibody

Catalog Number: 16464-1-AP



## Basic Information

Catalog Number:

16464-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9539

GenBank Accession Number:

BC014983

GeneID (NCBI):

128637

UNIPROT ID:

Q96BZ9

Full Name:

TBC1 domain family, member 20

Calculated MW:

403 aa, 46 kDa

Observed MW:

38-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, A549 cells, LNCaP cells

## 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:

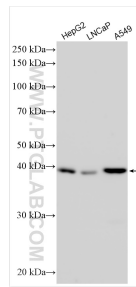
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

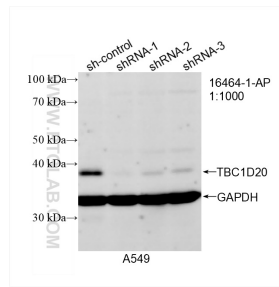
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## Selected Validation Data



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.