

For Research Use Only

TBC1D7 Polyclonal antibody

Catalog Number: 20769-1-AP



Basic Information

Catalog Number:

20769-1-AP

Size:

150ul , Concentration: 200 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14756

GenBank Accession Number:

BC007054

GeneID (NCBI):

51256

UNIPROT ID:

Q9PON9

Full Name:

TBC1 domain family, member 7

Calculated MW:

293 aa, 34 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : Ramos cells, human placenta tissue, U266 cells, Neuro-2a cells

IP : Neuro-2a cells, HeLa cells

Background Information

TBC1D7 is a member of the TBC-domain containing protein family. The encoded protein functions as a subunit of the tuberous sclerosis TSC1-TSC2 complex which plays a role in the regulation of cellular growth and differentiation. Mutations in this gene have been associated with autosomal recessive megalencephaly.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

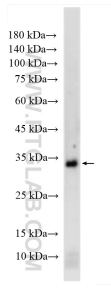
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

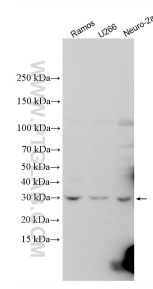
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

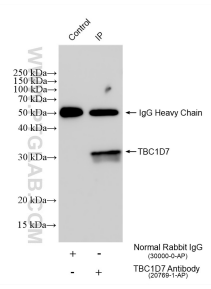
Selected Validation Data



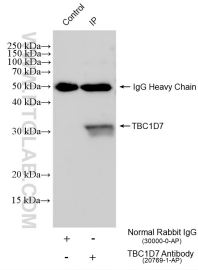
human placenta tissue were subjected to SDS PAGE followed by western blot with 20769-1-AP (TBC1D7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 20769-1-AP (TBC1D7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-TBC1D7 (IP:20769-1-AP, 4ug; Detection:20769-1-AP 1:500) with Neuro-2a cells lysate 1440 ug.



IP result of anti-TBC1D7 (IP:20769-1-AP, 4ug; Detection:20769-1-AP 1:500) with HeLa cells lysate 1200 ug.