

For Research Use Only

TBC1D7 Polyclonal antibody

Catalog Number:20769-1-AP



Basic Information

Catalog Number:

20769-1-AP

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

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

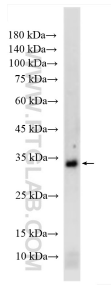
T: 4006900926

E: Proteintech-CN@ptglab.com

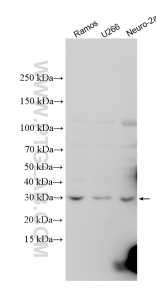
W: ptgcn.com

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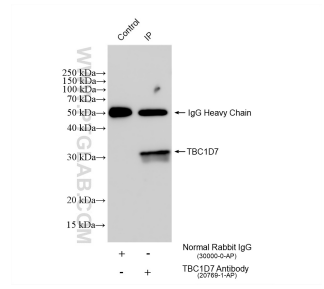
Selected Validation Data



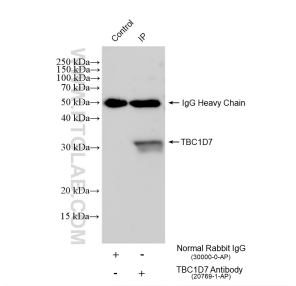
human placenta tissue were subjected to SDS PAGE followed by western blot with 20769-1-AP (TBC1D7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.