

For Research Use Only

TBC1D4 Polyclonal antibody

Catalog Number: 24667-1-AP



Basic Information

Catalog Number: 24667-1-AP	GenBank Accession Number: BC151239	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 9882	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: TBC1 domain family, member 4	
Isotype: IgG	Calculated MW: 1299 aa, 147 kDa	
Immunogen Catalog Number: AG20327	Observed MW: 160 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, rat	WB : HCT 116 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, PC-12 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon tissue, human heart tissue

Background Information

TBC1D4, also named as AS160, KIAA0603, may act as a GTPase-activating protein for RAB2A, RAB8A, RAB10 and RAB14. Isoform 2 promotes insulin-induced glucose transporter SLC2A4/GLUT4 translocation at the plasma membrane, thus increasing glucose uptake. The antibody recognizes all the isoform of TBC1D4.

Storage

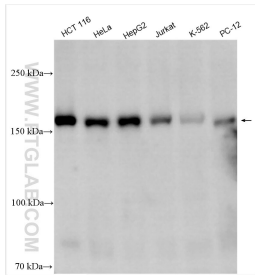
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 24667-1-AP (TBC1D4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon slide using 24667-1-AP (TBC1D4 Antibody) at dilution of 1:50.



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