

For Research Use Only

TBC1D10C Polyclonal antibody

Catalog Number: 34255-1-AP



Basic Information

Catalog Number: 34255-1-AP	GenBank Accession Number: BC062999	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 440 ug/ml by Nanodrop;	GeneID (NCBI): 374403	Recommended Dilutions: WB: 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8IV04	
Isotype: IgG	Full Name: TBC1 domain family, member 10C	
Immunogen Catalog Number: AG40608	Calculated MW: 446 aa, 50 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HL-60 cells, mouse spleen tissue, rat spleen tissue

Background Information

TBC1D10C (also known as Carabin or EPI64C) is a negative regulator of dual signaling pathways. It can inhibit the activity of small GTPase Ras through its N-terminal TBC domain, and also suppress the activity of calcineurin through its C-terminal binding site, thereby simultaneously negatively regulating the two key signaling pathways, Ras-MAPK and Ca²⁺-Calcineurin-NFAT.

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**

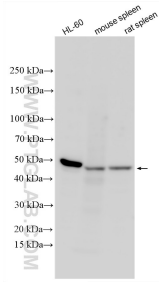
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34255-1-AP (TBC1D10C antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.