

For Research Use Only

# TBC1D9B Polyclonal antibody, PBS Only

Catalog Number: 20177-1-PBS



## Basic Information

<b>Catalog Number:</b> 20177-1-PBS	<b>GenBank Accession Number:</b> BC000701	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23061	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q66K14	
<b>Isotype:</b> IgG	<b>Full Name:</b> TBC1 domain family, member 9B (with GRAM domain)	
<b>Immunogen Catalog Number:</b> AG14019	<b>Calculated MW:</b> 1250 aa, 140 kDa	
	<b>Observed MW:</b> 141-150 kDa	

## Applications

**Tested Applications:**  
WB, IP, Indirect ELISA

**Species Specificity:**  
human

## Background Information

TBC1 domain family member 9B (TBC1D9B) a Rab11A GTPase-activating protein (Rab11A GAP), as a LMTK1 binding protein, and TBC1D9B inactivates Rab11A under the control of LMTK1A (PMID: 31628178). TBC1D9B is associated with endocytic vesicles, including those likely to contain active Rab11a (PMID: 25232007). TBC1D9B could also interact with other mammalian ATG8 homologues. TBC1D9B could be co-localized with LC3B on the autophagosome membranes (PMID: 30202024).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

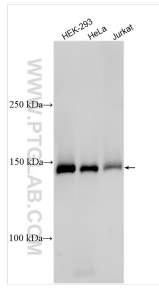
For technical support and original validation data for this product please contact:

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

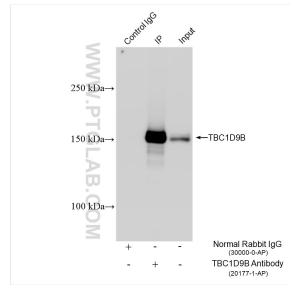
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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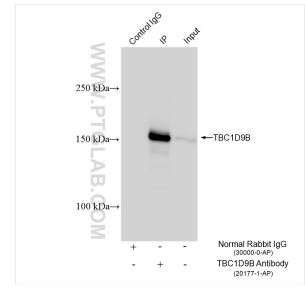
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20177-1-AP (TBC1D9B antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20177-1-PBS in a different storage buffer formulation.



IP result of anti-TBC1D9B (IP:20177-1-AP, 4ug; Detection:20177-1-AP 1:1000) with Jurkat cells lysate 1920 ug. This data was developed using the same antibody clone with 20177-1-PBS in a different storage buffer formulation.



IP result of anti-TBC1D9B (IP:20177-1-AP, 4ug; Detection:20177-1-AP 1:1000) with HEK-293 cells lysate 1800 ug. This data was developed using the same antibody clone with 20177-1-PBS in a different storage buffer formulation.