

For Research Use Only

# TRAPPC1 Polyclonal antibody, PBS Only

Catalog Number: 13868-1-PBS



## Basic Information

<b>Catalog Number:</b> 13868-1-PBS	<b>GenBank Accession Number:</b> BC032717	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 58485	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y5R8	
<b>Isotype:</b> IgG	<b>Full Name:</b> trafficking protein particle complex 1	
<b>Immunogen Catalog Number:</b> AG4616	<b>Calculated MW:</b> 145 aa, 17 kDa	
	<b>Observed MW:</b> 15-17 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

TRAPPC1, also known as BET5 or MUM2, is a part of the multisubunit TRAPP (transport protein particle) complexes which are involved in the tethering process at different trafficking steps of vesicle transport (PMID: 16828797). TRAPPC1 may play a role in vesicular transport from the endoplasmic reticulum to the Golgi (PMID: 10582700).

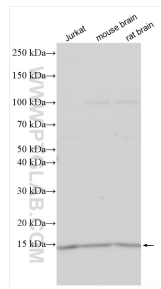
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

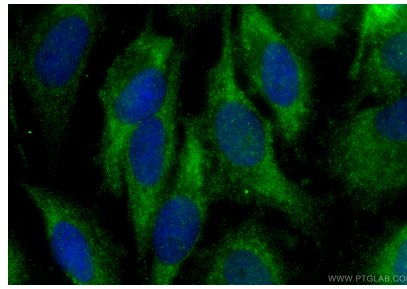
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

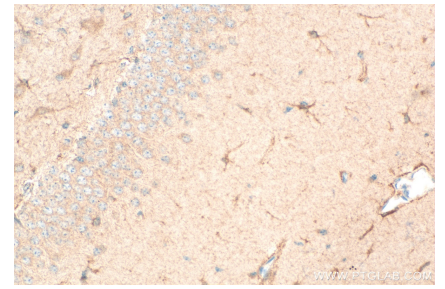
## Selected Validation Data



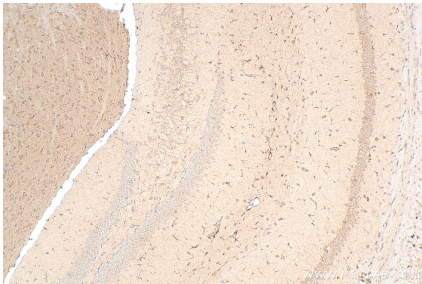
Various lysates were subjected to SDS PAGE followed by western blot with 13868-1-AP (TRAPPC1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13868-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRAPPC1 antibody (13868-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 13868-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13868-1-AP (TRAPPC1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13868-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13868-1-AP (TRAPPC1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13868-1-PBS in a different storage buffer formulation.