

For Research Use Only

# TRAPPC1 Polyclonal antibody, PBS Only

Catalog Number: 19598-1-PBS



## Basic Information

<b>Catalog Number:</b> 19598-1-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> AG5608	<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

## 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 Golgi (PMID: 10582700).

## Storage

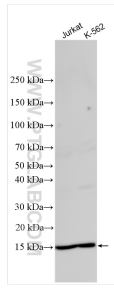
**Storage:**  
Store at -80°C.

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

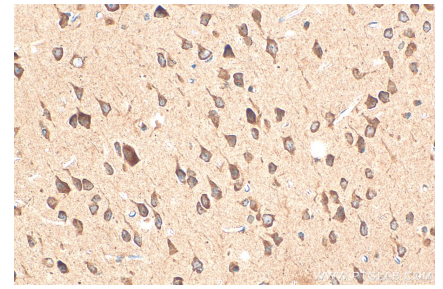
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data

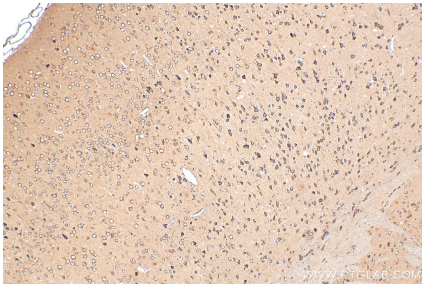


Various lysates were subjected to SDS PAGE followed by western blot with 13868-1-AP (TRAPPC1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19598-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19598-1-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 19598-1-PBS in a different storage buffer formulation.

Various lysates were subjected to SDS PAGE followed by western blot with 19598-1-AP (TRAPPC1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19598-1-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 19598-1-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 19598-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19598-1-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 19598-1-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 19598-1-PBS in a different storage buffer formulation.