

# TRAPPC1 Polyclonal antibody

Catalog Number: 19598-1-AP

## Basic Information

<b>Catalog Number:</b> 19598-1-AP	<b>GenBank Accession Number:</b> BC032717	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 700 ug/ml	<b>GeneID (NCBI):</b> 58485	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y5R8	IHC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> trafficking protein particle complex 1	IF/ICC 1:200-1:800
<b>Immunogen Catalog Number:</b> AG5608	<b>Calculated MW:</b> 145 aa, 17 kDa	
	<b>Observed MW:</b> 15-17 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> Jurkat cells, K-562 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> mouse brain tissue,
	<b>IF/ICC :</b> HeLa cells,

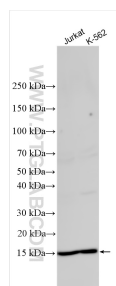
## Background Information

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).

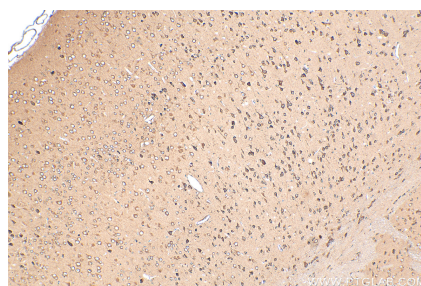
## Storage

**Storage:**  
Store at -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

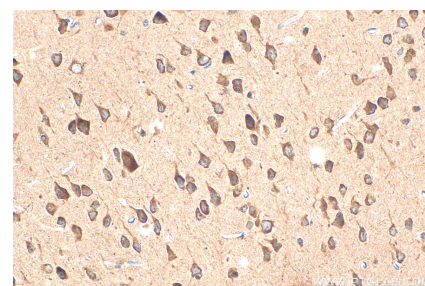
## Selected Validation Data



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.



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).



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).