

For Research Use Only

TRAPPC10 Polyclonal antibody

Catalog Number: 27549-1-AP



Basic Information

Catalog Number:

27549-1-AP

Size:

150ul, Concentration: 130 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26900

GenBank Accession Number:

BC101728

GeneID (NCBI):

7109

UNIPROT ID:

P48553

Full Name:

trafficking protein particle complex 10

Calculated MW:

1259 aa, 142 kDa

Observed MW:

142 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

IHC : rat brain tissue, mouse brain tissue

Background Information

TRAPPC10 (Trafficking protein particle complex subunit 10) is also named as EHOC-1, Protein GT334, TRAPP subunit TMEM1 and TMEM1. TRAPPC10 (Cyclin-J) belongs to the Cyclin family. TRAPPC10 is a specific component of the multisubunit TRAPP II complex (PMID: 23511850). TRAPPC10 can interact with TRAPPC14 (PMID: 31467083). TRAPPC10 interacts with TRAPPC2L in the TRAPP II complex (PMID: 30120216). TRAPPC10 variants are associated with a microcephalic neurodevelopmental disorder (PMID: 35298461). A new Longin at the N-terminus of human TRAPPC10 may dimerize with TRAPPC2 (PMID: 23511850). Therefore, a band with a high molecular weight of 150 - 250 kDa can be formed.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

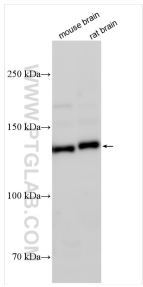
For technical support and original validation data for this product please contact:

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

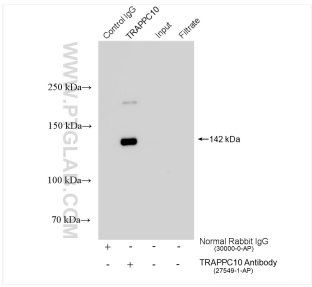
E: proteintech@ptglab.com
W: ptglab.com

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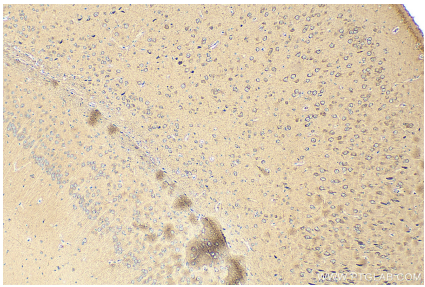
Selected Validation Data



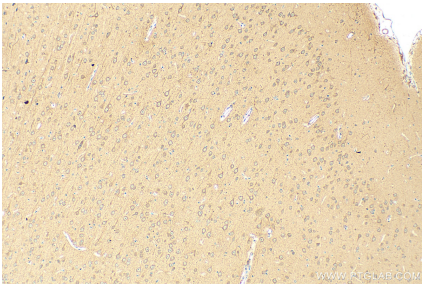
Various lysates were subjected to SDS PAGE followed by western blot with 27549-1-AP (TRAPPC10 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-TRAPPC10 (IP:27549-1-AP, 4ug; Detection:27549-1-AP 1:600) with mouse brain tissue lysate 1080 ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27549-1-AP (TRAPPC10 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 rat brain tissue slide using 27549-1-AP (TRAPPC10 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).