

For Research Use Only

TRAPPC2 Polyclonal antibody

Catalog Number: 12484-1-AP

3 Publications



Basic Information

Catalog Number:

12484-1-AP

Size:

150ul, Concentration: 140 ug/ml by Nanodrop and 140 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3201

GenBank Accession Number:

BC016915

GeneID (NCBI):

6399

UNIPROT ID:

PODI82

Full Name:

trafficking protein particle complex 2

Calculated MW:

140 aa, 16 kDa

Observed MW:

16 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

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, IHC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, rat

Positive Controls:

WB : human brain tissue, human liver tissue, human lung tissue, mouse brain tissue, mouse thymus tissue, PC-3 cells

IP : PC-3 cells,

IHC : human stomach tissue,

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

Background Information

TRAPPC2 is one component of the TRAPP multisubunit tethering complex involved in intracellular vesicle trafficking [PMID:21525244]. It acts as an adaptor for the TRAPP complex in mammalian cells, mediating interactions with both TRAPPC9 and TRAPPC8. It prevents transcriptional repression and induction of cell death by ENO1. Also it plays a role in vesicular transport from endoplasmic reticulum to Golgi.

Notable Publications

Author	Pubmed ID	Journal	Application
Adrian Cuenca	31467083	J Biol Chem	WB
Tiantian Ma	38439956	iScience	WB
Westlake Christopher J CJ	21273506	Proc Natl Acad Sci U S A	WB

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)

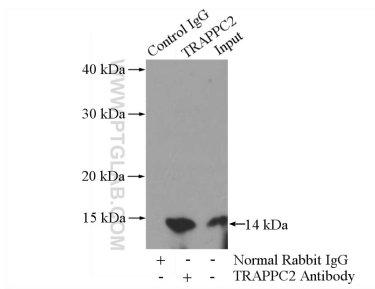
E: proteintech@ptglab.com
W: ptglab.com

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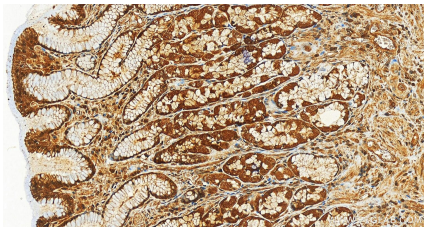
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 12484-1-AP (TRAPPC2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-TRAPPC2 (IP:12484-1-AP, 3ug; Detection:12484-1-AP 1:500) with PC-3 cells lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 12484-1-AP (TRAPPC2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).