

For Research Use Only

# TRAPPC2 Polyclonal antibody

Catalog Number: 12484-1-AP **3 Publications**



## Basic Information

**Catalog Number:**

12484-1-AP

**Size:**

140 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3201

**GenBank Accession Number:**

BC016915

**GeneID (NCBI):**

6399

**UNIPROT ID:**

P0DI82

**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 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, 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,

## 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

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

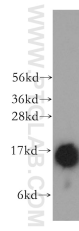
T: 4006900926

E: Proteintech-CN@ptglab.com

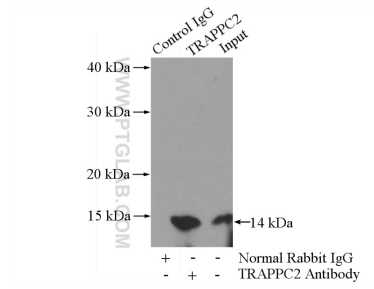
W: ptgcn.com

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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.