

For Research Use Only

TRAPPC2 Polyclonal antibody

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



Basic Information

Catalog Number: 12484-1-AP	GenBank Accession Number: BC016915	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 140 µg/ml by Nanodrop and 140 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6399	Recommended Dilutions: WB 1:500-1:2400 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	UNIPROT ID: P0DI82	
Isotype: IgG	Full Name: trafficking protein particle complex 2	
Immunogen Catalog Number: AG3201	Calculated MW: 140 aa, 16 kDa	
	Observed MW: 16 kDa	

Applications

Tested Applications: IP, WB, ELISA	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,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human, rat	

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

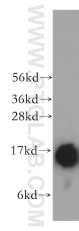
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

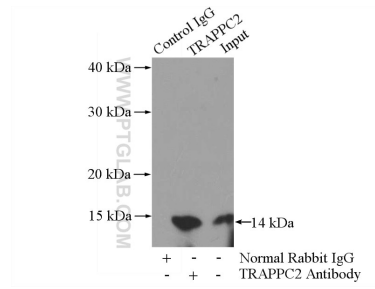
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.