For Research Use Only

TRAPPC9, NIBP Polyclonal antibody

Catalog Number:16014-1-AP Featured Product 12 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
16014-1-AP

Size:
150ul , Concentration: 550 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG8791

GenBank Accession Number:
BC006206

GeneID (NCBI):
83696

UNIPROT ID:
Q96Q05

Full Name:
trafficking protein particle complex 9

Calculated MW:
139 kDa

Observed MW:
128-140 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
IF/ICC 1:50-1:500

Applications

Tested Applications:
WB, IHC, IF/ICC, IP, ELISA

Cited Applications:
WB, IHC, IF, IP, CoIP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, zebrafish

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,

IP : mouse brain tissue,

IHC : human kidney tissue, mouse brain tissue, mouse skeletal muscle tissue

IF/ICC : HEK-293 cells,

Background Information

TRAPPC9, also named KIAA1882 and NIBP, belongs to the NIBP family. It functions as an activator of NF-kappa-B through increased phosphorylation of the IKK complex. TRAPPC9 may function in neuronal cell differentiation and play a role in vesicular transport from the endoplasmic reticulum to the Golgi. TRAPPC9 was found in neurons of the cerebral cortex, hippocampus, and deep gray matter. Western blotting indicates the molecular weight of TRAPPC9 is 130-140 kDa, and 250 kDa may be detected with extensive posttranslational modification of TRAPPC9.

Notable Publications

Author	Pubmed ID	Journal	Application
Mengbin Qin	26596835	Tumour Biol	WB,IHC
Zhen-Hua Fu	29620292	Oncol Rep	
Yalan Lu	35697692	Signal Transduct Target Ther	WB,IF

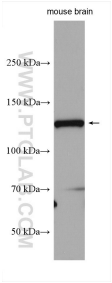
Storage

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

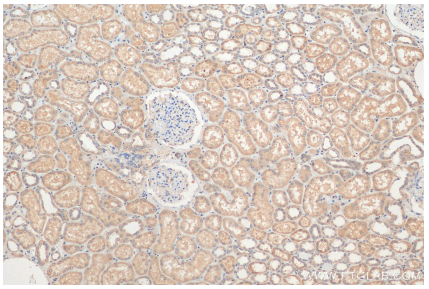
*** 20ul sizes contain 0.1% BSA

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

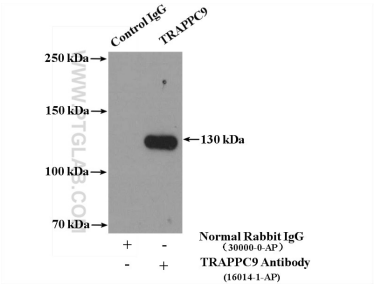
Selected Validation Data



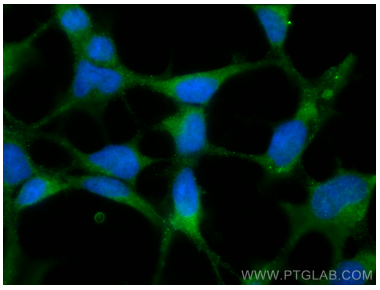
mouse brain tissue were subjected to SDS PAGE followed by western blot with 16014-1-AP (TRAPPC9, NIBP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16014-1-AP (TRAPPC9, NIBP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-TRAPPC9, NIBP (IP:16014-1-AP, 4ug; Detection:16014-1-AP 1:500) with mouse brain tissue lysate 3600ug.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using TRAPPC9, NIBP antibody (16014-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).