For Research Use Only

TRAPPC9/NIBP Polyclonal antibody

Catalog Number:19549-1-AP

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Basic Information

Catalog Number:
19549-1-AP

Size:
150ul , Concentration: 173 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_031466

GeneID (NCBI):
83696

UNIPROT ID:
Q96Q05

Full Name:
trafficking protein particle complex 9

Calculated MW:
139 kDa

Observed MW:
56 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IHC 1:20-1:200

Applications

Tested Applications:
WB, 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 : SH-SY5Y cells, human brain tissue, mouse kidney tissue

IHC : human heart tissue, human kidney tissue

Background Information

TRAPPC9, also named NIK- and IKBKB-binding protein (NIBP), is involved in the NF-kappaB signaling pathway and directly interacts with IKK-beta and MAP3K14. TRAPPC9 functions as an activator of NF-kappa-B via increased phosphorylation of the IKK complex. TARPPC9 may also function in neuronal cells differentiation and defects in TRAPPC9 are the cause of mental retardation autosomal recessive type 13 (MRT13), which is characterized by significantly below average general intellectual functioning associated with impairments in adaptative behavior. TARPPC9 is a component of the multisubunit TRAPP (transport protein particle) complex and it may play a role in vesicular transport from endoplasmic reticulum to Golgi.

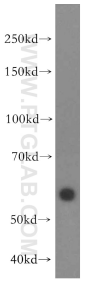
Storage

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

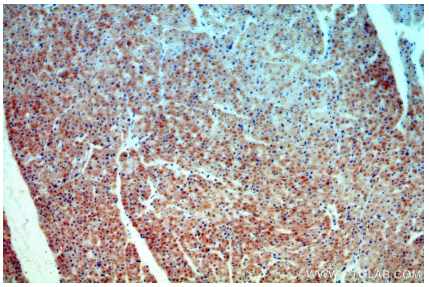
***** 20ul sizes contain 0.1% BSA**

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

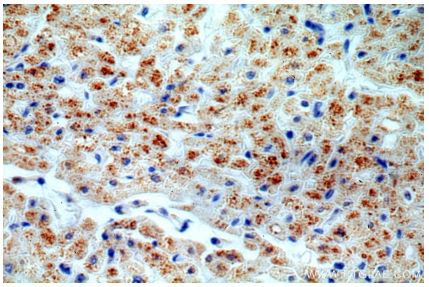
Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 19549-1-AP (TRAPPC9/NIBP antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 19549-1-AP (TRAPPC9/NIBP antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 19549-1-AP (TRAPPC9/NIBP antibody) at dilution of 1:100 (under 40x lens).