TRAPPC9 Polyclonal ANTIBODY

Catalog Number: 16014-1-AP

Basic Information

Catalog Number: 16014-1-AP
Size: 52 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG8791

GenBank Accession Number: BC062036
GeneID (NCBI): 83696
Full Name: trafficking protein particle complex 9
Calculated MW: 139 kDa
Observed MW: 128-140 kDa

Recommended Dilutions:
- WB: 1:500-1:1000
- IP: 0.5-4.0 μg for IP and 1:1000-1:1000 for WB
- IHC: 1:200

Applications

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

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; human brain tissue, human skeletal muscle tissue, mouse skeletal muscle tissue
- IP: mouse brain tissue;
- IHC: human kidney tissue; human heart tissue
- IF: HEK-293 cells;

Background Information

TRAPPC9, also named as KIAA1182 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 cells differentiation and play a role in vesicular transport from endoplasmic reticulum to Golgi. TRAPPC9 was found in neurons of the cerebral cortex, hippocampus, and deep gray matter. Western blotting indicates molecular weight of TRAPPC9 is 130-140 kDa, and 250 kDa may be detected with extensive posttranslational modification of TRAPPC9.

Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mengbin Qin</td>
<td>26596835</td>
<td>Tumour Biol</td>
<td>WB, IHC</td>
</tr>
<tr>
<td>Zhen-Hua Fu</td>
<td>25620282</td>
<td>Oncol Rep</td>
<td>WB, IHC</td>
</tr>
<tr>
<td>Mengbin Qin</td>
<td>28125661</td>
<td>PLoS One</td>
<td>WB, IHC</td>
</tr>
</tbody>
</table>

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:
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E: proteintech@ptglab.com
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mouse brain tissue were subjected to SDS PAGE followed by western blot with 16014-1-AP (TRAPPC9 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human kidney using 16014-1-AP (TRAPPC9 antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human kidney using 16014-1-AP (TRAPPC9 antibody) at dilution of 1:50 (under 40x lens).

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 HEK-293 cells using 16014-1-AP (TRAPPC9 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).