RAB2 Polyclonal ANTIBODY

Catalog Number: 15420-1-AP

Basic Information

Catalog Number: 15420-1-AP
GenBank Accession Number: BC008929
Size: mg/ml
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG7708

Recommended Dilutions:
WB: 1:1000-1:4000
IHC: 1:20-1:200

Applications

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

Background Information

The protein belongs to the Rab family, members of which are small molecular weight guanosine triphosphatases (GTPases) that contain highly conserved domains involved in GTP binding and hydrolysis. The Rabs are membrane-bound proteins, involved in vesicular fusion and trafficking. This protein is a resident of pre-Golgi intermediates, and is required for protein transport from the endoplasmic reticulum (ER) to the Golgi complex. This antibody can recognize both RAB2A and RAB2B.

Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xiaolan Lian</td>
<td>29848341</td>
<td>J Hematol Oncol</td>
<td>WB</td>
</tr>
<tr>
<td>Liang Chen</td>
<td>27307439</td>
<td>Proc Natl Acad Sci U S A</td>
<td></td>
</tr>
<tr>
<td>Hiroaki Kajihho</td>
<td>27255086</td>
<td>EMBO Rep</td>
<td></td>
</tr>
</tbody>
</table>

Storage

Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS, pH 7.3.
Aliquoting is unnecessary for -20°C storage.

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

Immunohistochemical of paraffin-embedded human brain using 15420-1-AP (RAB2 antibody) at dilution of 1:100 (under 10x lens)

Immunohistochemical of paraffin-embedded human brain using 15420-1-AP (RAB2 antibody) at dilution of 1:100 (under 40x lens)

Mouse brain tissue were subjected to SDS PAGE followed by western blot with 15420-1-AP (RAB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours

Rat brain tissue were subjected to SDS PAGE followed by western blot with 15420-1-AP (RAB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours