Flotillin 1 Polyclonal ANTIBODY

Catalog Number: 15571-1-AP 13 Publications

Basic Information

Catalog Number: 15571-1-AP
Size: 150UL, 330 μg/ml
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG7902

GenBank Accession Number: BC001146
GeneID (NCBI): 10211
Full Name: flotillin 1
Calculated MW: 47 kDa
Observed MW: 47 kDa

Recommended Dilutions:
WB 1:1000-1:6000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IF 1:10-1:100

Applications

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

Positive Controls:
WB: mouse brain tissue; rat heart tissue, mouse heart tissue, rat brain tissue
IP: mouse brain tissue;
IF: Hela cells;

Background Information

Flotillins are membrane-associated proteins that contain two homologous isoforms, flotillin 1 (FLOT1) and flotillin 2 (FLOT2). They are highly conserved and widely expressed proteins that commonly used as markers of lipid rafts. Flotillins are involved in various signaling pathways, cell adhesion, membrane trafficking and axonal growth.

Notable Publications

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<tr>
<th>Author</th>
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<tr>
<td>Miwa Sohda</td>
<td>26475675</td>
<td>Arch Biochem Biophys</td>
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<tr>
<td>Huaming Xu</td>
<td>30902744</td>
<td>J Ethnopharmacol</td>
<td>IP, WB</td>
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<tr>
<td>Wei Zhou</td>
<td>31233742</td>
<td>Exp-Cell Res</td>
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Storage

Store at -20°C.
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:
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

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Various lysates were subjected to SDS PAGE followed by western blot with 15571-1-AP (Flotillin 1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

Immunofluorescent analysis of HeLa cells, using FLOT1 antibody 15571-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).

IP Result of anti-Flotillin 1 (IP:15571-1-AP, 4ug; Detection:15571-1-AP 1:500) with mouse brain tissue lysate 4400ug.

1X10^6 HeLa cells were stained with 0.05ug Flotillin 1 antibody (15571-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488 -Goat anti-Rabbit IgG with dilution 1:100.