

For Research Use Only

Flotillin 1 Polyclonal antibody

Catalog Number: 15571-1-AP

Featured Product

42 Publications



Basic Information

Catalog Number:

15571-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7902

GenBank Accession Number:

BC001146

GeneID (NCBI):

10211

UNIPROT ID:

O75955

Full Name:

flotillin 1

Calculated MW:

47 kDa

Observed MW:

47 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:500-1:2000

Applications

Tested Applications:

FC, IF/ICC, IP, WB, ELISA

Cited Applications:

CoIP, IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Positive Controls:

WB : mouse brain tissue, U-251 cells, mouse heart tissue, rat brain tissue, rat heart tissue, U-87 MG cells

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

Author	Pubmed ID	Journal	Application
Xue Zou	33002418	Mol Ther	WB
Jasjot Singh	36266287	Nat Commun	WB, CoIP
Robert W Hu	33134491	Transplant Direct	WB

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

For technical support and original validation data for this product please contact:

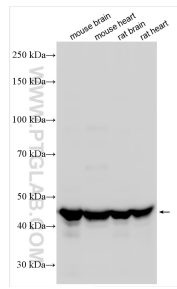
T: 4006900926

E: Proteintech-CN@ptglab.com

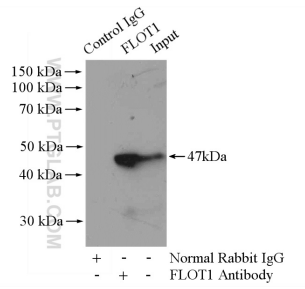
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

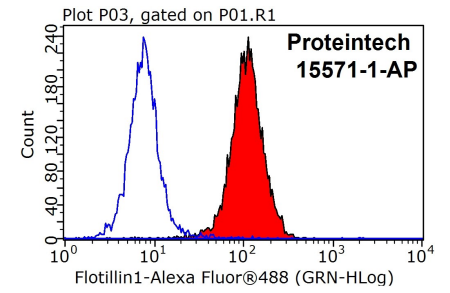
Selected Validation Data



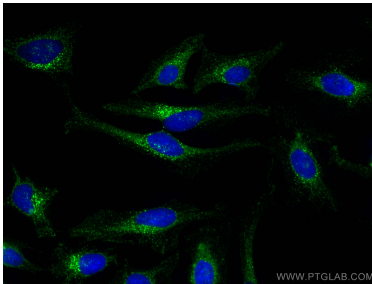
Various lysates were subjected to SDS PAGE followed by western blot with 15571-1-AP (Flotillin 1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



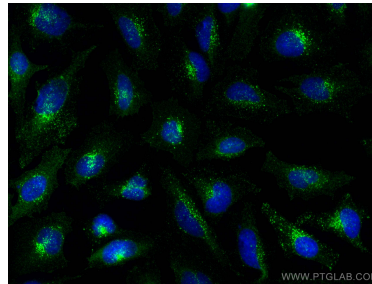
IP result of anti-Flotillin 1 (IP:15571-1-AP, 4ug; Detection:15571-1-AP 1:500) with mouse brain tissue lysate 4400ug.



1X10⁶ 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.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Flotillin 1 antibody (15571-1-AP) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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