For Research Use Only

Flotillin 1 Polyclonal antibody

Catalog Number:15571-1-AP Featured Product 47 Publications

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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 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:
WB, IP, IF, IHC, CoIP, ELISA

Cited Applications:
WB, IHC, IF, IP, CoIP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

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,

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 commonly used as lipid raft markers. Flotillins are involved in various signaling pathways, cell adhesion, membrane trafficking and axonal growth.

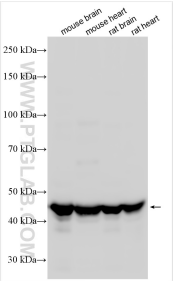
Notable Publications

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

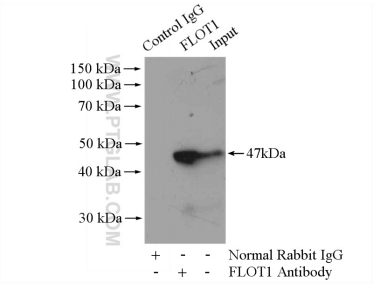
Storage

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

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.