

[KO Validated] Flotillin 1 Rabbit pAb

Catalog No.: A6220

KO Validated

2 Publications

Basic Information

Observed MW

47kDa

Calculated MW

47kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC, IP

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes an protein that localizes to the caveolae, which are small domains on the inner cell membranes. This protein plays a role in vesicle trafficking and cell morphology. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Immunogen Information

Gene ID

10211

Swiss Prot

O75955

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 155-427 of human Flotillin 1 (NP_005794.1).

Synonyms

FLOT1; 1

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

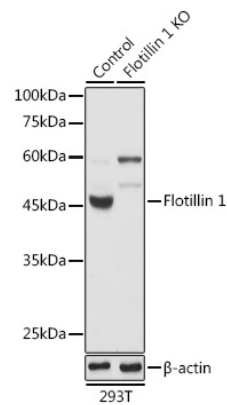
Affinity purification

Storage

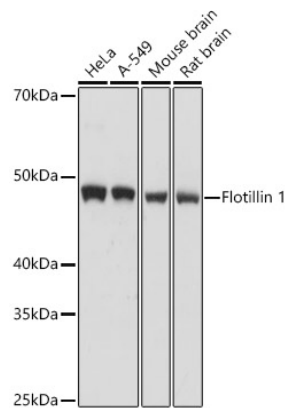
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

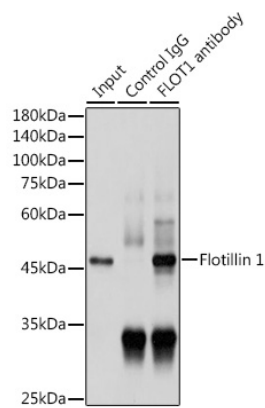
Validation Data



Western blot analysis of lysates from wild type (WT) and Flotillin 1 knockout (KO) 293T cells, using [KO Validated] Flotillin 1 Rabbit pAb (A6220) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

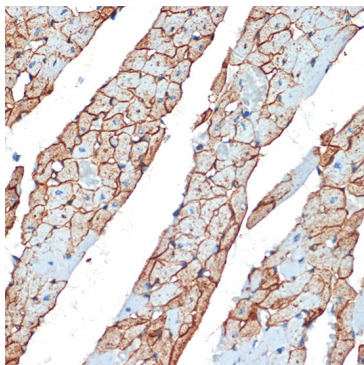


Western blot analysis of various lysates, using [KO Validated] Flotillin 1 Rabbit pAb (A6220) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

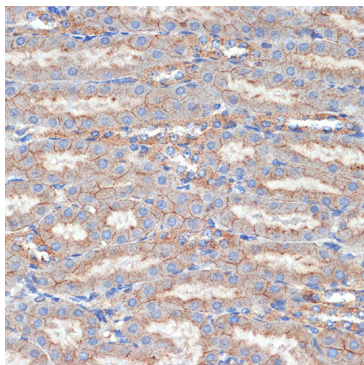


Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg Flotillin 1 antibody (A6220).
Western blot was performed from the immunoprecipitate using Flotillin 1 antibody (A6220) at a dilution of 1:1000.

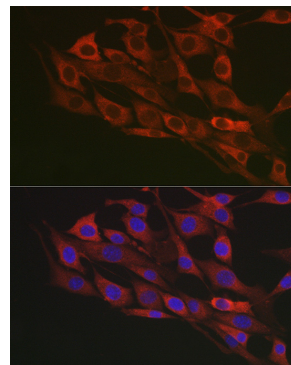
Validation Data



Immunohistochemistry analysis of Flotillin 1 in paraffin-embedded rat heart using [KO Validated] Flotillin 1 Rabbit pAb (A6220) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Flotillin 1 in paraffin-embedded mouse kidney using [KO Validated] Flotillin 1 Rabbit pAb (A6220) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH/3T3 cells using Flotillin 1 Rabbit pAb (A6220) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (A5007) at 1:500 dilution. Blue: DAPI for nuclear staining.