

[KD]Flotillin 1 Rabbit mAb

Catalog # AP75443

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	O75955
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	47355

Additional Information

Gene ID	10211
Other Names	FLOT1
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:20-1:50 IP~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

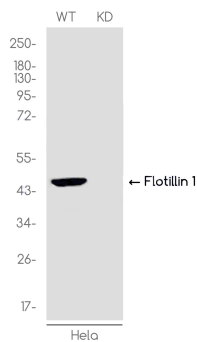
Name	FLOT1
Function	May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles.
Cellular Location	Cell membrane; Peripheral membrane protein. Endosome Membrane, caveola {ECO:0000250 UniProtKB:O08917}; Peripheral membrane protein {ECO:0000250 UniProtKB:O08917}. Melanosome. Membrane raft. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065) Membrane-associated protein of caveola (By similarity) {ECO:0000250 UniProtKB:O08917, ECO:0000269 PubMed:17081065}

Background

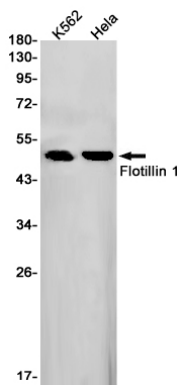
This gene encodes an protein that localizes to the caveolae, which are small domains on the inner cell

membranes. This protein plays a role in vesicle trafficking and cell morphology. Alternative splicing results in multiple transcript variants.

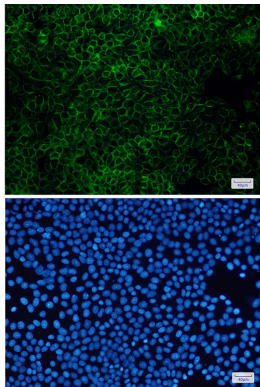
Images



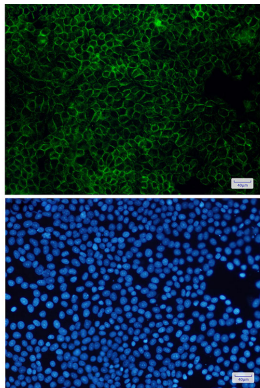
Western blot analysis of Flotillin 1 in HeLa(WT) and Flotillin 1-Knockdown HeLa(KD) using Flotillin 1 antibody.

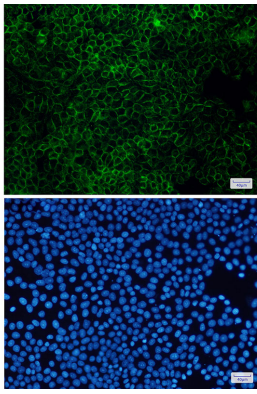


Western blot analysis of Flotillin 1 in K562, Hela lysates using Flotillin 1 antibody.



Immunocytochemistry analysis of Flotillin 1(green) in Hela using Flotillin 1 antibody, and DAPI(blue)





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.