ARG41778
anti-FLOT2 / Flotillin 2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FLOT2 / Flotillin 2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FLOT2 / Flotillin 2
Species	Human
Immunogen	Synthetic peptide of Human FLOT2 / Flotillin 2.
Conjugation	Un-conjugated
Alternate Names	M17S1; ESA1; Membrane component chromosome 17 surface marker 1; ECS-1; Epidermal surface antigen; ECS1; ESA; Flotillin-2

Application Instructions

Application table

Application	Dilution
IP	1:30
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HeLa
Observed Size	~ 48 kDa

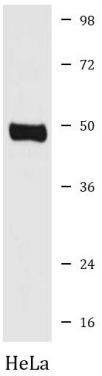
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FLOT2
Gene Full Name	flotillin 2
Background	Caveolae are small domains on the inner cell membrane involved in vesicular trafficking and signal transduction. This gene encodes a caveolae-associated, integral membrane protein, which is thought to function in neuronal signaling. [provided by RefSeq, Jul 2008]
Function	May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles. May be involved in epidermal cell adhesion and epidermal structure and function. [UniProt]
Calculated Mw	47 kDa
PTM	ZDHHC5-catalyzed palmitoylation predominantly occurs at Cys-4. ZDHHC5-catalyzed palmitoylation may be required for the formation of higher-order complexes and for neurite outgrowth in cultured neural stem cells. [UniProt]
Cellular Localization	Cell membrane; Peripheral membrane protein. Membrane, caveola; Peripheral membrane protein. Endosome. Membrane; Lipid-anchor. Note=Membrane-associated protein of caveolae. [UniProt]

Images



ARG41778 anti-FLOT2 / Flotillin 2 antibody WB image

Western blot: HeLa cell lysate stained with ARG41778 anti-FLOT2 / Flotillin 2 antibody.