

Flotillin-2 protein

Catalog No :	YD0124
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	FLOT2 ESA1 M17S1
Protein Name :	Flotillin-2 protein
Sequence :	Amino acid: 176-355, with his-MBP tag.
Human Gene Id :	2319
Human Swiss Prot No :	Q14254
Mouse Swiss Prot No :	Q60634
Formulation :	Liquid in PBS
Source :	E.coli
Dilution :	WB 1:500-2000
Concentration :	SDS-PAGE >90%
Storage Stability :	-20 °C/6 month,-80 °C for long storage
Background :	<p>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.,similarity:Belongs to the band 7/mec-2 family. Flotillin subfamily.,subcellular location:Membrane-associated protein of caveolae.,subunit:Heterooligomeric complex of flotillin-1 and flotillin-2 and caveolin-1 and caveolin-2.,tissue specificity:In skin, expressed in epidermis and epidermal appendages but not in dermis. Expressed in all layers of the epidermis except the basal layer. In hair follicles, expressed in the suprabasal layer but not the basal layer. Also expressed in melanoma and carcinoma cell lines, fibroblasts and foreskin melanocytes.,</p>

Function :	cell adhesion, ectoderm development, epidermis development, biological adhesion,
Subcellular Location :	Cell membrane ; Peripheral membrane protein . Membrane, caveola ; Peripheral membrane protein . Endosome . Membrane ; Lipid-anchor . Membrane-associated protein of caveolae.
Expression :	In skin, expressed in epidermis and epidermal appendages but not in dermis. Expressed in all layers of the epidermis except the basal layer. In hair follicles, expressed in the suprabasal layer but not the basal layer. Also expressed in melanoma and carcinoma cell lines, fibroblasts and foreskin melanocytes.

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