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Datasheet for ABIN3030973

anti-Flotillin 2 antibody (N-Term)

2 Images

Overview

Quantity:	100 µg
Target:	Flotillin 2 (FLOT2)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Flotillin 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human FLOT2 (TLTVEQIYQDRDQFA) was used as the immunogen for this Flotillin 2 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Flotillin 2 (FLOT2)
Alternative Name:	Flotillin 2 (FLOT2 Products)
Background:	Flotillin 2, also known as ESA1 or M17S1, is a protein that in humans is encoded by the FLOT2 gene. Schroeder et al.(1991) isolated a cDNA for an epidermal surface antigen believed to be

Target Details

involved in epidermal cell adhesion. By analysis of a somatic cell hybrid panel and in situ hybridization using the FLOT2 cDNA, the gene was mapped to 17q11-q12 in the region containing the NF1 gene. Bickel et al.(1997) found that mouse Flot2 consistently copurifies with Flot1 and with caveolin-1 in the purification of caveolin-rich membranes. Using a quantitative proteomic analysis of cultured mouse neuronal stem cells, Li et al.(2012) found that palmitoylation and oligomerization of Flotillin2 was abolished in homozygous Dhhc5 mutant neuronal stem cells. The absolute amount of Flotillin2 was not changed in Dhhc5 mutant neurons.

UniProt: [Q14254](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Flotillin 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

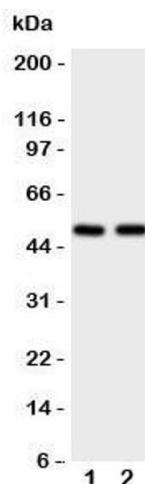
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

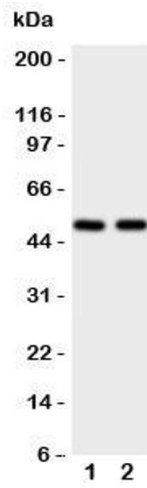
Storage Comment: After reconstitution, the Flotillin 2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of Flotillin 2 antibody; Lane 1: rat lung; 2: 293T cell lysate



Western Blotting

Image 2. Western blot testing of Flotillin 2 antibody