

Flotillin-1 Polyclonal Antibody

Catalog No: YT6292

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: Flotillin-1

Fields: >>Insulin signaling pathway

O75955

Gene Name: FLOT1

Protein Name: Flotillin-1

Human Gene Id: 10211

Human Swiss Prot

No:

Immunogen: Synthesized peptide derived from human Flotillin-1

Specificity: This antibody detects endogenous levels of human Flotillin-1

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, lgG

Dilution: WB 1:500-2000, ELISA(peptide)1:5000-20000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 48kD



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. [provided by RefSeq, Jan 2016],

Function:

function:May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles.,similarity:Belongs to the band 7/mec-2 family. Flotillin subfamily.,subcellular location:Membrane-associated protein of caveolae. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Heterooligomeric complex of flotillin-1 and flotillin-2 and caveolin-1 and caveolin-2.,

Subcellular Location:

Cell membrane; Peripheral membrane protein . Endosome . Membrane, caveola ; Peripheral membrane protein . Melanosome . Membrane raft . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). Membrane-associated protein of caveola (By similarity). .

Expression:

Adipose tissue, Adrenal gland, Lung, Peripheral blood leukocyte, Umbilical cord blood,

Products Images

Western blot analysis of various lysates, primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat: RS23920)was diluted at 1:10000, 37° 1hour.

