

**MFSD2B polyclonal antibody**

Catalog: BS34395

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Sphingosine-1-phosphate transporter MFSD2B: Lipid transporter that specifically mediates export of sphingosine-1-phosphate in red blood cells and platelets. Sphingosine-1-phosphate is a signaling sphingolipid and its export from red blood cells into the plasma is required for red blood cell morphology (By similarity). Sphingosine-1-phosphate export from platelets is required for platelet aggregation and thrombus formation (By similarity). Mediates the export of different sphingosine-1-phosphate (S1P) species, including S1P(d18:0) (sphinganine 1-phosphate), S1P (d18:1) (sphing-4-enine 1-phosphate) and S1P (d18:2) (sphing-4E,14Z-dienine-1-phosphate) (Probable). Release of sphingosine-1-phosphate is facilitated by a proton gradient (By similarity). In contrast, cations, such as sodium, are not required to drive sphingosine-1-phosphate transport (Probable). In addition to export, also able to mediate S1P import (By similarity)...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~53.7 kDa

Swiss-Prot:

A6NFX1

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of MFSD2B protein

DATA:

Western blot analysis of SOWAHB expression in Jurkat (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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