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Datasheet for ABIN6991433
anti-MFSD2B antibody (AA 240-290)

Overview

Quantity:	0.1 mg
Target:	MFSD2B
Binding Specificity:	AA 240-290
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MFSD2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	MFSD2B antibody was raised against a 15 amino acid synthetic peptide near the center of human MFSD2B. The immunogen is located within amino acids 240 - 290 of MFSD2B.
Isotype:	IgG
Purification:	MFSD2B Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MFSD2B
Alternative Name:	MFSD2B (MFSD2B Products)
Background:	MFSD2B Antibody: Multidrug transporters, such as MFSD2B, are membrane proteins that expel a wide spectrum of cytotoxic compounds from the cell and render cells resistant to multiple drugs. Major Facilitator Superfamily (MFS) members are capable of transporting various

Target Details

substrates such as sugars, polyols, drugs, neurotransmitters, amino acids, peptides, and inorganic anions, although most members are substrate-specific. MFSD2B is closely related to MFSD2A, which is expressed in many tissues and is highly induced in liver and brown adipose tissue (BAT) during fasting, playing a major role in the induction of MFSD2A expression during adaptive thermogenesis. Unlike MFSD2A, MFSD2B is expressed in few tissues and at relatively low levels, and is not induced during fasting, suggesting that MFSD2B may play other roles.

Gene ID: 388931

NCBI Accession: [NP_001073942](#)

UniProt: [A6NFX1](#)

Application Details

Application Notes: MFSD2B antibody can be used for detection of MFSD2B by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: MFSD2B Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: MFSD2B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.