

Datasheet for ABIN6991432  
**anti-MFSD2A antibody (C-Term)**



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## Overview

Quantity:	0.1 mg
Target:	MFSD2A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MFSD2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## Product Details

Immunogen:	MFSD2A antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human MFSD2A. The immunogen is located within the last 50 amino acids of MFSD2A.
Isotype:	IgG
Purification:	MFSD2A Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	MFSD2A
Alternative Name:	MFSD2A ( <a href="#">MFSD2A Products</a> )
Background:	MFSD2A Antibody: Multidrug transporters, such as MFSD2A, are membrane proteins that expel

## Target Details

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 substrates such as sugars, polyols, drugs, neurotransmitters, amino acids, peptides, and inorganic anions, although most members are substrate-specific. MFSD2A is a novel lung cancer tumor suppressor gene that regulates cell cycle progression and matrix attachment and has recently been described as the human receptor for syncytin-2, a retrovirus-derived protein mediating fusion of placental trophoblasts. MFSD2A is expressed in many tissues and is highly induced in liver and brown adipose tissue (BAT) during fasting. The activation of the betaAR signaling pathway plays a major role in the induction of MFSD2A expression during adaptive thermogenesis.

Gene ID: 492810

NCBI Accession: [NP\\_001129965](#)

UniProt: [Q5U3U7](#)

## Application Details

Application Notes: MFSD2A antibody can be used for detection of MFSD2A by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in human, mouse, and rat samples and Immunofluorescence in mouse and rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: MFSD2A 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

## Handling

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Storage Comment: MFSD2A 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.