

Datasheet for ABIN783763

anti-MFSD2A antibody (C-Term)[Go to Product page](#)**1** Image

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), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid peptide near the carboxy terminus of human MFSD2A
Specificity:	This antibody detects MFSD2 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	MFSD2A
Alternative Name:	MFSD2 (MFSD2A Products)
Background:	Multidrug transporters, such as MFSD2A, are membrane proteins that expel a wide spectrum of cytotoxic compounds from the cell and render cells resistant to multiple drugs. Major Facilitator

Target Details

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. Synonyms: HMFN0656, Major facilitator superfamily domain-containing protein 2, PP9177

Gene ID: 84879

NCBI Accession: [NP_001129965](#)

UniProt: [Q8NA29](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

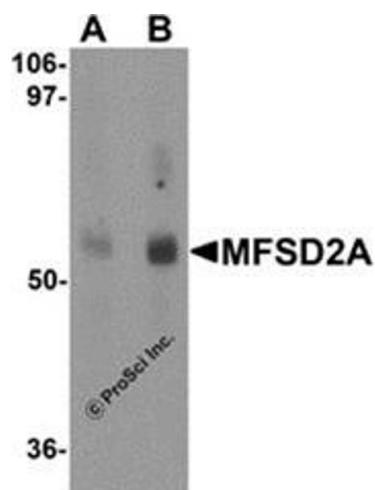
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of MFSD2A in rat lung tissue lysate with MFSD2A antibody at (A) 1 and (B) 2 μ g/ml.