

Rabbit MFSD2A Polyclonal Antibody | anti-MFSD2A antibody

MFSD2A Antibody

CATALOG # AAA303744	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

MFSD2A; Polyclonal Antibody; MFSD2A Antibody; Major facilitator superfamily domain-containing protein 2A; anti-MFSD2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	532
Applicable Applications for anti-MFSD2A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the carboxy terminus of human MFSD2A.
Target Name	MFSD2A
Preparation and Storage	Can be stored at -20 degree C, stable for 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.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of MFSD2A in rat lung tissue with MFSD2A antibody at 5 ug/mL.


WB (Western Blot)

Western blot analysis of MFSD2A in rat lung tissue lysate with MFSD2A antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-MFSD2A antibody

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 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55925395
NCBI GeneID	492810
NCBI Accession #	NP_001007452
NCBI GenBank Nucleotide #	NM_001007451.1
Molecular Weight	59,266 Da
NCBI Official Full Name	sodium-dependent lysophosphatidylcholine symporter 1-A
NCBI Official Synonym Full Names	major facilitator superfamily domain containing 2aa
NCBI Official Symbol	mfsd2aa
NCBI Official Synonym Symbols	NLS1-A; mfsd2a; zgc:101615
NCBI Protein Information	sodium-dependent lysophosphatidylcholine symporter 1-A
UniProt Protein Name	Sodium-dependent lysophosphatidylcholine symporter 1-A
UniProt Gene Name	mfsd2aa
UniProt Synonym Gene Names	mfsd2a; nls1a; NLS1-A; Sodium-dependent LPC symporter 1-A
UniProt Entry Name	NLS1A_DANRE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mfspd2a-antibody-immunohistochemistry-western-blot-elisa/303744>