

Rabbit anti-Human SLC27A1 Polyclonal Antibody | anti-SLC27A1 antibody

SLC27A1 Polyclonal Antibody

CATALOG # AAA166895	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

SLC27A1; Polyclonal Antibody; SLC27A1 Polyclonal Antibody; FATP; FATP1; ACSVL5; anti-SLC27A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide, 50% glycerol, pH7.4
Concentration	1.1mg/mL (varies by lot)
Sequence Length	240
Applicable Applications for anti-SLC27A1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human SLC27A1
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using SLC27A1 Polyclonal Antibody at dilution 1:40


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using SLC27A1 Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-SLC27A1 antibody

The protein involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. The LFCA import appears to be hormone-regulated in a tissue-specific manner. In adipocytes, but not myocytes, insulin induces a rapid translocation of FATP1 from intracellular compartments to the plasma membrane, paralleled by increased LFCA uptake. Plays a pivotal role in regulating available LFCA substrates from exogenous sources in tissues undergoing high levels of beta-oxidation or triglyceride synthesis. May be involved in regulation of cholesterol metabolism. Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids. Highest levels of expression are detected in muscle and adipose tissue small, intermediate levels in small intestine, and barely detectable in liver.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15341923
NCBI GeneID	376497
NCBI Official Full Name	SLC27A1 protein, partial
NCBI Official Synonym Full Names	solute carrier family 27 (fatty acid transporter), member 1
NCBI Official Symbol	SLC27A1
NCBI Official Synonym Symbols	FATP; FATP1; ACSVL5; FATP-1
NCBI Protein Information	long-chain fatty acid transport protein 1; solute carrier family 27 member 1
UniProt Protein Name	Long-chain fatty acid transport protein 1
UniProt Gene Name	SLC27A1
UniProt Synonym Gene Names	ACSVL5; FATP1; FATP-1; Fatty acid transport protein 1
UniProt Entry Name	S27A1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc27a1-antibody-immunohistochemistry-elisa/166895>