

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

SLC27A1 Antibody

CATALOG # AAA304820	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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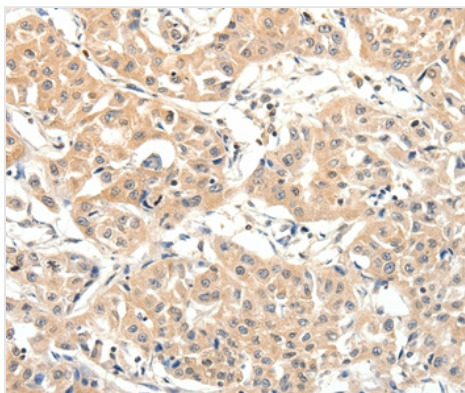
PRODUCT SYNONYMS

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

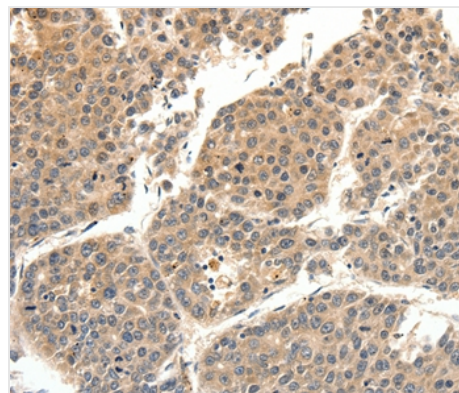
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC27A1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.1 mg/ml (varies by lot)
Sequence Length	646
Applicable Applications for anti-SLC27A1 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 27 (fatty acid transporter), member 1
Target Name	SLC27A1
Preparation and Storage	Store at -20°C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/40.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using 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.
Product Categories/Family for anti-SLC27A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	38524616
NCBI GeneID	376497
NCBI Accession #	NP_940982.1
NCBI GenBank Nucleotide #	NM_198580.2
UniProt Accession #	Q6PCB7; A6NIH2; B7Z662
NCBI Official Full Name	long-chain fatty acid transport protein 1
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
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://www.aaabiotech.com/polyclonal/slc27a1-antibody-immunohistochemistry-elisa/304820>