

Rabbit anti-Human SLC27A5 Polyclonal Antibody | anti-SLC27A5 antibody

SLC27A5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302392	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SLC27A5; Polyclonal Antibody; SLC27A5 Antibody; EC 6.2.1.7; FACVL3; FATP5; MGC143799; S27A5; anti-SLC27A5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC27A5 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	690
Applicable Applications for anti-SLC27A5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human SLC27A5.
Target Name	SLC27A5
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using SLC27A5 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using SLC27A5 antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using SLC27A5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC27A5 antibody	Acyl-CoA synthetase involved in bile acid metabolism. Proposed to catalyze the first step in the conjugation of C24 bile acids (choloneates) to glycine and taurine before excretion into bile canaliculi by activating them to their CoA thioesters. Seems to activate secondary bile acids entering the liver from the enterohepatic circulation. In vitro, also activates 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanate (THCA), the C27 precursor of cholic acid deriving from the de novo synthesis from cholesterol.Steinberg S.J., Mol. Genet. Metab. 68:32-42(1999).Steinberg S.J., J. Biol. Chem. 275:15605-15608(2000).Mihalik S.J., J. Biol. Chem. 277:24771-24779(2002).
Product Categories/Family for anti-SLC27A5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13325057
NCBI GeneID	10998
NCBI Accession #	NP_036386.1
NCBI GenBank Nucleotide #	NM_012254.2
UniProt Accession #	Q9Y2P5; B3KVP6; B4DPQ1
Molecular Weight	66,846 Da
NCBI Official Full Name	bile acyl-CoA synthetase
NCBI Official Synonym Full Names	solute carrier family 27 (fatty acid transporter), member 5
NCBI Official Symbol	SLC27A5
NCBI Official Synonym Symbols	BAL; ACSB; BACS; FATP5; ACSVL6; FACVL3; FATP-5; VLACSR; VLCSH2; VLCS-H2
NCBI Protein Information	bile acyl-CoA synthetase
UniProt Protein Name	Bile acyl-CoA synthetase
UniProt Gene Name	SLC27A5
UniProt Synonym Gene Names	ACSB; ACSVL6; FACVL3; FATP5; BACS; BA-CoA ligase; BAL; FATP-5; VLCS-H2; VLCSH2; VLACS-related; VLACSR
UniProt Entry Name	S27A5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc27a5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302392>