

Rabbit anti-Human FATP2/SLC27A2 Polyclonal Antibody | anti-SLC27A2 antibody

Anti-FATP2/SLC27A2 Antibody, Rabbit Polyclonal

CATALOG # AAA254553	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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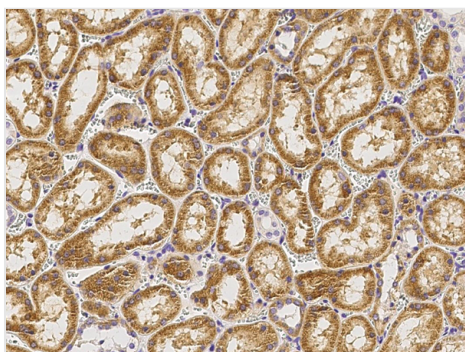
PRODUCT SYNONYMS

FATP2/SLC27A2; Polyclonal Antibody; Anti-FATP2/SLC27A2 Antibody; Rabbit Polyclonal; SLC27A2 Antibody; Rabbit PAb; Antigen Affinity Purified; solute carrier family 27 (fatty acid transporter); member 2; Anti-ACSVL1 Antibody; Anti-FACVL1 Antibody; Anti-FATP2 Antibody; Anti-hFACVL1 Antibody; Anti-HsT17226 Antibody; Anti-VLACS Antibody; Anti-VLCS Antibody; anti-SLC27A2 antibody

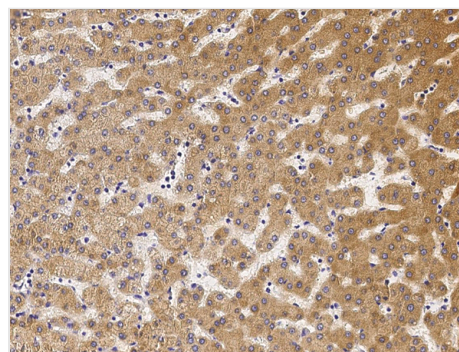
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SLC27A2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SLC27A2 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human SLC27A2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human SLC27A2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of human SLC27A2 in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human SLC27A2 in human liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC27A2 antibody	SLC27A2 (Solute Carrier Family 27 Member 2) is a Protein Coding gene. The SLC27A2 gene, located on 15q21.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, M.oryzae, and frog. The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. This isozyme activates long-chain, branched-chain, and very-long-chain fatty acids containing 22 or more carbons to their CoA derivatives. It is expressed primarily in the liver and kidney, and is present in both endoplasmic reticulum and peroxisomes, but not in mitochondria. Its decreased peroxisomal enzyme activity is in part responsible for the biochemical pathology in X-linked adrenoleukodystrophy. Diseases associated with SLC27A2 include Adrenoleukodystrophy and Restrictive Dermopathy, Lethal.
References	Wakui K, et al. (1998) Assignment of human fatty-acid-coenzyme a ligase, very long-chain 1 gene (facvl1) to human chromosome band 15q21.2 by fluorescence in situ hybridization. Cytogenet Cell Genet 81 (3-4): 292-293.Veglia F, et al. (2019) Fatty acid transport protein 2 reprograms neutrophils in cancer. Nature 569 (7754): 73-78.Melton EM, et al. (2013) Overexpression of human fatty acid transport protein 2/very long chain acyl-coa synthetase 1 (fatp2/acsvl1) reveals distinct patterns of trafficking of exogenous fatty acids. Biochem Biophys Res Commun 440 (4): 743-748.

NCBI AND UNIPROT INFORMATION

NCBI GI #	308153494
NCBI GeneID	11001
UniProt Accession #	O14975; Q53FY6; Q6PF09; A8K2J7
Molecular Weight	620
NCBI Official Full Name	Very long-chain acyl-CoA synthetase
NCBI Official Synonym Full Names	solute carrier family 27 (fatty acid transporter), member 2
NCBI Official Symbol	SLC27A2
NCBI Official Synonym Symbols	VLCS; FATP2; VLACS; ACSVL1; FACVL1; hFACVL1; HsT17226
NCBI Protein Information	very long-chain acyl-CoA synthetase; FATP-2; THCA-CoA ligase; fatty acid transport protein 2; long-chain-fatty-acid--CoA ligase; solute carrier family 27 member 2; very-long-chain acyl-CoA synthetase; very long-chain-fatty-acid-CoA ligase; very long-chain
UniProt Protein Name	Very long-chain acyl-CoA synthetase
UniProt Gene Name	SLC27A2
UniProt Synonym Gene Names	ACSVL1; FACVL1; FATP2; VLACS; VLACS; VLCS; FATP-2
UniProt Entry Name	S27A2_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.