

DNAxPAb

Hard-to-Find
Antibody

SLC27A2 DNAxPab

Catalog # H00011001-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SLC27A2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLSAIYTVLAGLLFLPLLVLNCCPYFFQDIGYFLKVAAGRRVRSYGKRRPARTILRAFLEKARQTP HKPFLLFRDETLTYAQVDRRSNQVARALHDHLGLRQGDCVALLMGNEPAYVWLWLGLVKLGCA MACLNYNIRAKSLLHCFQCCGAKVLLVSPELQAAVEEILPSLKKDDVSIYYVSRTSNTDGIDSFLDK VDEVSTEPIESWRSEVTFSTPALYYTSGTTGATLALRTKFSASQFWDDCRKYNVTVIQYIGELLRY LCNSPQKPNDRDHKVRLALGNLGRGDVWRQFVKRFGDICYEFYAATEGNIGFMNYARKVGAVG RVNYLQKKIITYDLIKYDVEKDEPVREDENGYCVRVPKGEVGLLVCKITQLTPFNGYAGAKAQTEKKK LRDVFKKGDLYFNSGDLLMVDHENFIYHDRVGDTRWKGENVATTEVADTVGLVDFVQEVNVY GVHVPDHEGRIGMASIKMKENHEFDGKKLFQHIADYLPYARPRFLRIQDTIEITGTGFKHRKMTLVE EGFNPAVIKDALYFLDDTAKMYVPMTEIDYNAISAKTLKL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SLC27A2

Entrez GeneID [11001](#)

GeneBank Accession# [BC057770.1](#)

Protein Accession# [AAH57770.1](#)

Gene Name SLC27A2

Gene Alias ACSVL1, FACVL1, FATP2, HsT17226, VLACS, VLCS, hFACVL1

Gene Description solute carrier family 27 (fatty acid transporter), member 2

Omim ID [603247](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is an isozyme of long-chain fatty-acid-coenzyme A ligase family . Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. 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 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations very long-chain fatty-acid-coenzyme A ligase 1|very-long-chain acyl-CoA synthetase

Pathway

- [PPAR signaling pathway](#)

Disease

- [Alzheimer Disease](#)