

SLC27A6 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59259

Specification

SLC27A6 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O9Y2P4
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70112

SLC27A6 Polyclonal Antibody - Additional Information

Gene ID 28965

Other Names

Long-chain fatty acid transport protein 6, FATP-6, Fatty acid transport protein 6, Arachidonate--CoA ligase, Solute carrier family 27 member 6, Very long-chain acyl-CoA synthetase homolog 1, VLCSH1, hVLCSH1, SLC27A6, ACSVL2, FACVL2, FATP6

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SLC27A6 Polyclonal Antibody - Protein Information

Name SLC27A6

Synonyms ACSVL2, FACVL2, FATP6

Function

Mediates the import of long-chain fatty acids (LCFA) into the cell by facilitating their transport at the plasma membrane (PubMed:12556534). Also functions as an acyl-CoA ligase catalyzing the ATP-dependent formation of fatty acyl-CoA using LCFA and very-long- chain fatty acids (VLCFA) as substrates (By similarity). Plays a pivotal role in regulating available LCFA substrates from exogenous sources in tissues undergoing high levels of beta-oxidation such as the heart (PubMed:12556534).

Cellular Location

Cell membrane, sarcolemma; Multi-pass membrane protein. Cell membrane {ECO:0000250|UniProtKB:E9Q9W4}; Multi-pass membrane protein. Note=In heart is exclusively located on the sarcolemma in areas juxtaposed with small blood vessels where it colocalizes CD36.

Tissue Location

Strongly expressed in heart and localizes to cardiac myocytes (PubMed:12556534). Expressed at moderate levels in placenta, testis, and adrenal glands. Expressed at very low levels in kidney, bladder and uterus.

SLC27A6 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC27A6 Polyclonal Antibody - Images