



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLC27A1 polyclonal antibody

Catalog: BS31326

Host: Rabbit

Reactivity: Human

BackGround:

Long-chain fatty acid transport protein 1: Mediates the import of long-chain fatty acids (LCFA) into the cell by facilitating their transport at the plasma membrane. 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, which prevents fatty acid efflux from cells and might drive more fatty acid uptake. May act directly as a bona fide transporter, or alternatively, in a cytoplasmic or membrane-associated multimeric protein complex to trap and draw fatty acids towards accumulation. Plays a pivotal role in regulating available LCFA substrates from exogenous sources in tissues undergoing high levels of beta-oxidation or triglyceride synthesis. May be involved in regulation of cholesterol metabolism (By similarity). Probably involved in fatty acid transport across the blood barrier

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~71.1 kDa

Swiss-Prot:

Q6PCB7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

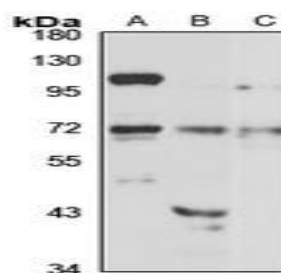
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of SLC27A1 protein

DATA:



Western blot analysis of POLR1A expression in A375 (A), HEK293T (B), NIH3T3 (C), H9C2 (D) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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