



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLC27A6 polyclonal antibody

Catalog: BS31327

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Long-chain fatty acid transport protein 6: 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 (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

Product:

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

Molecular Weight:

~70.1 kDa

Swiss-Prot:

Q9Y2P4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

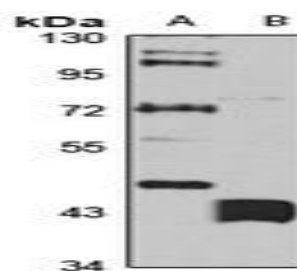
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of SLC27A6 protein

DATA:



Western blot analysis of CD46 expression in SW480 (A), MCF7 (B) whole cell lysates.

Immunofluorescent analysis of CD46 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Flow cytometric analysis of HL60 cells using Anti-CD46 Antibody (green) and negative control (red).

Note:

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

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