

**SLC27A3 polyclonal antibody**

Catalog: BS34491

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Long-chain fatty acid transport protein 3: Mainly 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. Can mediate the levels of long-chain fatty acids (LCFA) in the cell by facilitating their transport across membranes (By similarity)

Product:

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

Molecular Weight:

~73.5 kDa

Swiss-Prot:

Q5K4L6

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 SLC27A3 protein

DATA:

Western blot analysis of EIF3G expression in Jurkat (A), Hela (B), NIH3T3 (C), mouse heart (D) whole cell lysates.

Immunofluorescent analysis of EIF3G staining in U2OS 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 a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

DAPI was used to stain the cell nuclei (blue).

Note:

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

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