

Anti-ACSVL4 Antibody

ER62584



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|----------------------------|---|
| Product Type: | Rabbit polyclonal IgG, primary antibodies |
| Species reactivity: | Human |
| Applications: | IF-cell |
| Molecular Wt: | 72 kDa |

Description: Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids (VLCFAs). Appears to be the principal fatty acid transporter in small intestinal enterocytes. Plays a role in the formation of the epidermal barrier. Required for fat absorption in early embryogenesis. Probably involved in fatty acid transport across the blood barrier. Indirectly inhibits RPE65 via substrate competition and via production of VLCFA derivatives like lignoceroyl-CoA. Prevents light-induced degeneration of rods and cones. SLC27A4/FATP4-mediated fatty acid uptake is associated to parameters related to insulin resistance, which is associated with disturbed fatty acid metabolism and homeostasis, such as obesity. SLC27A4/FATP4 expression is positively correlated with acquired obesity.

Immunogen: The antiserum was produced against synthesized peptide derived from human SLC27A4. AA range:61-110

Positive control: Brain,Heart,Lung,Skin,

Database links: SwissProt: Q6P1M0 Human

Recommended Dilutions:
IF-cell 1:100-1:500

Storage Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

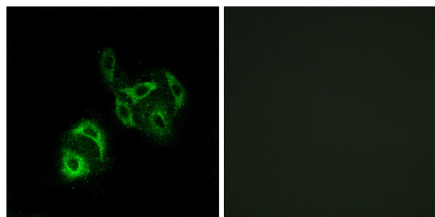


Fig1: Immunofluorescence analysis of A549 cells, using SLC27A4 Antibody. The picture on the right is blocked with the synthesized peptide.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

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