

Product Information

Size:

100ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IF

Recommended dilutions:

ELISA:1:2000-1:10000, IF:1:100-1:500

Protein Background:

Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. 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. Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids (VLCFAs). Indirectly inhibits RPE65 via substrate competition and via production of VLCFA derivatives like lignoceroyl-CoA. Prevents light-induced degeneration of rods and cones By similarity.

Gene ID:

SLC27A4

Uniprot

Q6P1M0

Synonyms:

Long-chain fatty acid transport protein 4; EC 6.2.1. -; Fatty acid transport protein 4; FATP-4; Solute carrier family 27 member 4

Immunogen:

Synthesized peptide derived from internal of human SLC27A4.

Storage:

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images

Immunofluorescence analysis of A549 cells, using SLC27A4 antibody.

