

Datasheet for ABIN7184165

**anti-SLC27A4 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	SLC27A4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC27A4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Synthesized peptide derived from internal of Human SLC27A4.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	SLC27A4
Alternative Name:	SLC27A4 ( <a href="#">SLC27A4 Products</a> )
Background:	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

## Target Details

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.

Fitscher B.A., Biochim. Biophys. Acta 1443:381-385(1998).

Humphray S.J., Nature 429:369-374(2004).

Colinge J., Submitted (OCT-2008) to UniProtKB.

Aliases: SLC27A4 antibody, ACSVL4 antibody, FATP4 antibody, Long-chain fatty acid transport protein 4 antibody, FATP-4 antibody, Fatty acid transport protein 4 antibody, EC 6.2.1.- antibody, Solute carrier family 27 member 4 antibody

UniProt: [Q6P1M0](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: IF:1:100-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

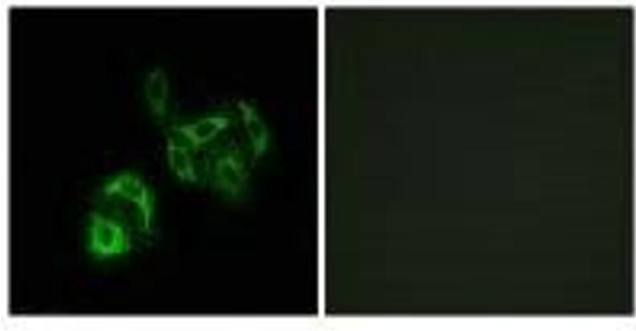
Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of A549 cells, using SLC27A4 antibody.