

## Anti-SLC27A4/Fatp4 Antibody

Catalog Number: A05299

### About SLC27A4

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.

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.

### Overview

Product Name	Anti-SLC27A4/Fatp4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-SLC27A4/Fatp4 Antibody (Catalog # A05299). Tested in IF applications. This antibody reacts with Human, Mouse.
Application	IF
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q6P1M0

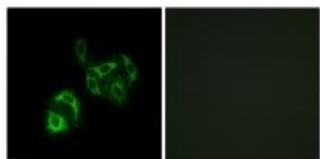
### Technical Details

Immunogen	Synthesized peptide derived from internal of human SLC27A4.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunofluorescence: 1:100~1:500</p>

## Anti-SLC27A4/Fatp4 Antibody (A05299) Images

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Immunofluorescence analysis of A549 cells, using SLC27A4 antibody A05299.

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