

Anti-SLC27A4/FATP4 Antibody (9W602)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	9W602
Purification:	Affinity-chromatography

Applications

	Western Blot
	-Positive WB detected in: MCF-7 whole cell lysate, Mouse brain tissue
Verified Activity:	-All lanes: SLC27A4 antibody at 1:1000
	-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
	-Predicted band size: 73, 27 kDa
	-Observed band size: 42 kDa
Application:	ELISA, WB
Recommended	WB:1:500-1:2000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human SLC27A4
Antigen Species:	Human
Gene ID:	10999
Uniprot ID:	Q6P1M0
Synonyms:	FATP4;ACSVL4;IPS;solute carrier family 27 (fatty acid transporter), member 4
Biology Area:	Neuroscience, Cardiovascular, Metabolism, Signal transduction

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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