

Product Name: SLC27A4 (1C18) Rabbit Monoclonal Antibody
Catalog #: AMRe17956



Summary

Production Name	SLC27A4 (1C18) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	SLC27A4
Alternative Names	ACSVL4; FATP4; IPS; S27A4; SLC27 A4;
Gene ID	10999.0
SwissProt ID	Q6P1M0.Recombinant protein of human SLC27A4/FATP4

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	72kDa

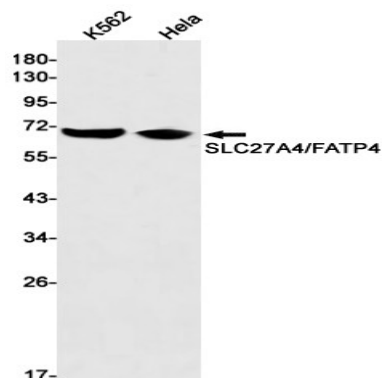
Background

Product Name: SLC27A4 (1C18) Rabbit Monoclonal Antibody
Catalog #: AMRe17956

Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane (PubMed:12556534, PubMed:21395585). Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids (VLCFAs) (PubMed:24269233). 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 (By similarity). Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane (PubMed:12556534, PubMed:21395585). Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids (VLCFAs) (PubMed:24269233). 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 (By similarity). Probably involved in fatty acid transport across the blood barrier (PubMed:21395585). 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).

Research Area

Image Data



Western blot detection of SLC27A4/FATP4 in K562, HeLa cell lysates using SLC27A4/FATP4 antibody (1:1000 diluted).

Note

For research use only.