

SLC27A4 Rabbit mAb

Catalog No: #52581

Package Size: #52581-1 50ul #52581-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

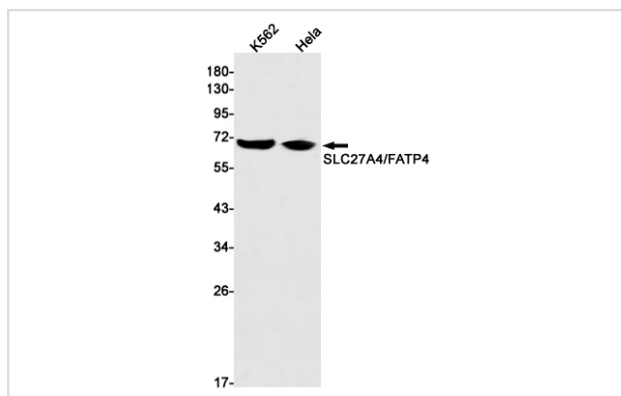
Description

Product Name	SLC27A4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-3C7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human SLC27A4/FATP4
Conjugates	Unconjugated
Modification	Unmodification
Other Names	IPS; FATP4; ACSVL4
Accession No.	Swiss-Prot:Q6P1M0GeneID:10999
Uniprot	Q6P1M0
GeneID	10999
Calculated MW	Calculated MW: 72 kDa; Observed MW: 72 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

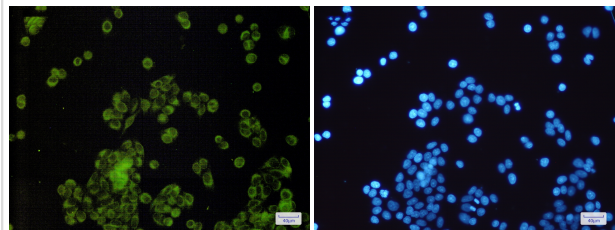
Application Details

WB: 1/1000; ICC/IF: 1/20;

Images



Western blot detection of SLC27A4/FATP4 in K562, HeLa cell lysates using SLC27A4/FATP4 Rabbit mAb (1:1000 diluted). Predicted band size: 72kDa. Observed band size: 72kDa.



Immunocytochemistry of SLC27A4/FATP4(green) in HeLa cells using SLC27A4/FATP4 Rabbit mAb at dilution 1/200, and DAPI(blue)

Background

Swiss-Prot Acc.Q6P1M0. 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 .

Note: This product is for in vitro research use only