

SLC27A4 Monoclonal Antibody | anti-SLC27A4 antibody

SLC27A4 Rabbit mAb

CATALOG # AAA314461	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

SLC27A4; Monoclonal Antibody; SLC27A4 Rabbit mAb; IPS; FATP4; ACSVL4; anti-SLC27A4 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S01-3C7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-SLC27A4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human SLC27A4/FATP4
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

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



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC27A4 antibody	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.
Product Categories/Family for anti-SLC27A4 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807357
NCBI GeneID	10999
NCBI Accession #	NP_005085.2
NCBI GenBank Nucleotide #	NM_005094.3
UniProt Accession #	Q6P1M0; O95186; A8K2F7
Molecular Weight	72,064 Da
NCBI Official Full Name	long-chain fatty acid transport protein 4
NCBI Official Synonym Full Names	solute carrier family 27 (fatty acid transporter), member 4
NCBI Official Symbol	SLC27A4
NCBI Official Synonym Symbols	IPS; FATP4; ACSVL4
NCBI Protein Information	long-chain fatty acid transport protein 4
UniProt Protein Name	Long-chain fatty acid transport protein 4
UniProt Gene Name	SLC27A4
UniProt Synonym Gene Names	ACSVL4; FATP4; FATP-4
UniProt Entry Name	S27A4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/slc27a4-antibody-clone-s01-3c7-immunofluorescence-western-blot-elisa/314461>