Rabbit anti-Human, Mouse Long-chain fatty acid transport protein 4 Polyclonal Antibody | anti-SLC27A4 antibody

Rabbit anti-human Long-chain fatty acid transport protein 4 polyclonal Antibody(SLC27A4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA114195	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Long-chain fatty acid transport protein 4; Polyclonal Antibody; Rabbit anti-human Long-chain fatty acid transport protein 4 polyclonal Antibody(SLC27A4); Long-chain fatty acid transport protein 4 (FATP-4) (Fatty acid transport protein 4) (EC 6.2.1.-) (Solute carrier family 27 member 4); SLC27A4; ACSVL4 FATP4; anti-SLC27A4 antibody

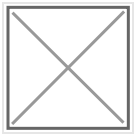
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	643
Applicable Applications for anti-SLC27A4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Non-conjugated
Immunogen	Recombinant Human Long-chain fatty acid transport protein 4 protein (494-643AA)
Species	Human
Research Area	Neuroscience
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5835 / sc-5834 / sc-25670
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human placenta tissue using AAA114195 at dilution 1:100

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human prostate tissue using AAA114195 at dilution 1:100



WB (Western Blot)
All lanes: Long-chain fatty acid transport protein 4 antibody at 8ug/ml+mouse heart tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 73,27 kDaObserved band size: 73 kDa

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.

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; Q96G53; A8K2F7
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; Fatty acid transport protein 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/polyclonal/long-chain-fatty-acid-transport-protein-4-antibody-immunohistochemistry-western-blot-elisa/114195