长链脂肪酸转运蛋白 4 抗体

产品货号： mlR11535

英文名称： SLC27A4

中文名称： 长链脂肪酸转运蛋白 4 抗体

别　　名： ACSVL 4; ACSVL-4; ACSVL4; EC 6.2.1; FATP 4; FATP4; Fatty acid transport protein 4; Fatty acid transport protein4; IPS; Long chain fatty acid transport protein 4; Long chain fatty acid transport protein4; OTTHUMP00000022264; S27A4; SLC27 A4; SLC27A 4; Solute carrier family 27 (fatty acid transporter) member 4; Solute carrier family 27 member 4; Solute carrier family 27 member4; S27A4_HUMAN.

研究领域： 肿瘤　心血管　神经生物学　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Pig, Cow, Horse,

产品应用　： WB=1:500-2000　ELISA=1:500-1000　IHC-P=1:400-800　IHC-F=1:400-800　Flow-Cyt=1μg/Test ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 72kDa

细胞定位： 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human SLC27A4:288-360/643

mlbio 酶联生物
Good elisakit producers

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids cross the plasma membrane. This protein is expressed at high levels on the apical side of mature enterocytes in the small intestine, and appears to be the principal fatty acid transporter in enterocytes. Clinical studies suggest this gene as a candidate gene for the insulin resistance syndrome. Mutations in this gene have been associated with ichthyosis prematurity syndrome. [provided by RefSeq, Apr 2010]

Function:

nvolved 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

Subcellular Location:

Membrane; Multi-pass membrane protein

Tissue Specificity:

Expressed at highest levels in brain, testis, colon and kidney. Expressed at medium levels in heart and liver, small intestine and stomach. Expressed at low levels in peripheral leukocytes, bone marrow, skeletal muscle and aorta. Expressed in adipose tissue.

DISEASE:

Defects in SLC27A4 are the cause of ichthyosis prematurity syndrome (IPS) [MIM:608649]. A keratinization disorder characterized by complications in the second trimester of pregnancy resulting from polyhydramnion, with premature birth of a child with thick caseous desquamating epidermis, respiratory complications and transient eosinophilia. After recovery during the first months of life, the symptoms are relatively benign and the patients suffer from a lifelong non-scaly ichthyosis with atopic manifestations.

Similarity:

Belongs to the ATP-dependent AMP-binding enzyme family.

SWISS:

Q6P1M0

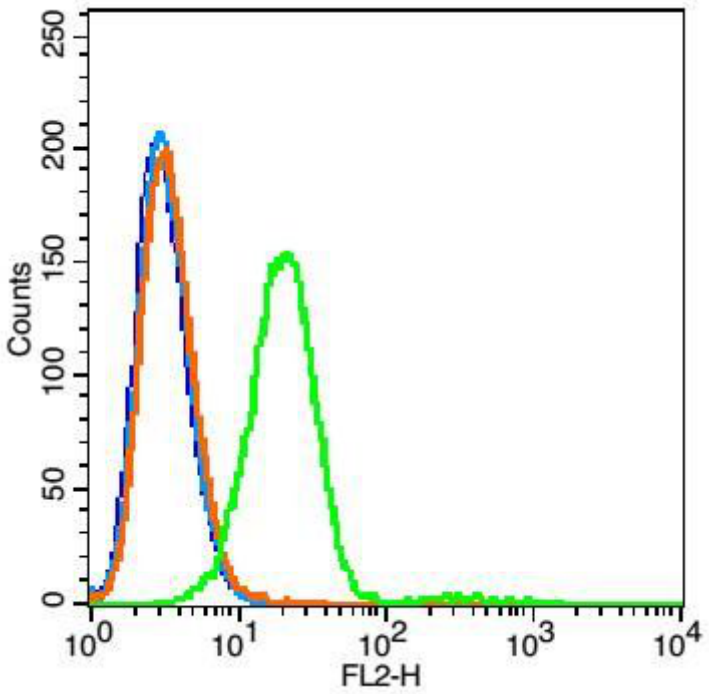
Gene ID:

10999

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片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