

产品名称: ACSVL4 Rabbit Polyclonal Antibody  
产品货号: APRab06539



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | ACSVL4 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody        |
| 宿主 (Host)              | Rabbit                            |
| 应用 (Application)       | ICC/IF,ELISA                      |
| 种属反应性 (Reactivity)     | Human,Rat,Mouse                   |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | SLC27A4                                                                                                                                      |
| 别名 (Alternative Names) | SLC27A4; ACSVL4; FATP4; Long-chain fatty acid transport protein 4; FATP-4; Fatty acid transport protein 4; Solute carrier family 27 member 4 |
| 基因 ID (Gene ID)        | 10999.0                                                                                                                                      |
| 蛋白 ID (SwissProt ID)   | Q6P1M0.The antiserum was produced against synthesized peptide derived from human SLC27A4. AA range:61-110                                    |

## 产品应用 (Application)

|                          |                                           |
|--------------------------|-------------------------------------------|
| 稀释比 (Dilution Ratio)     | ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) |                                           |

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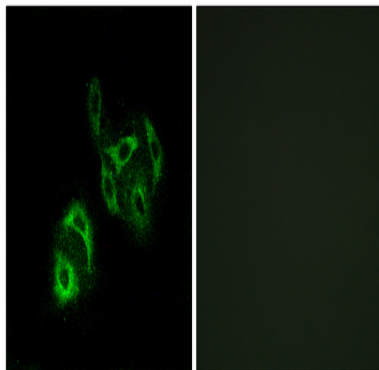
## 研究背景 (Background)

This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids across 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: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,miscellaneous:SLC27A4/FATP4-mediated fatty acid uptake is associated to parameters related to insulin resistance, which is associated with disturbed fatty acid metabolism and homeostasis, such as obesity. SLC27A4/FATP4 expression is positively correlated with acquired obesity.,similarity:Belongs to the ATP-dependent AMP-binding enzyme family.,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.,

## 研究领域 (Research Area)

PPAR;

## 图片 (Image Data)



Immunofluorescence analysis of A549 cells, using SLC27A4 Antibody. The picture on the right is blocked with the synthesized peptide.

## 注意事项 (Note)

For research use only .