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SLC27A1 Rabbit pAb

货号: AYP12595

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Homo sapiens , Bos taurus
应用	WB IF/ICC
推荐浓度	**WB:** 1:1000 - 1:2000 **IF/ICC:** 1:50 - 1:200
理论分子量	51kDa/71kDa
实测分子量	71kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U2OS,MCF-7,Mouse skeletal muscle,Mouse heart,Rat heart
细胞定位	Cell membrane,Cytoplasm,Endomembrane system,Single-pass membrane protein
纯化	Affinity purification

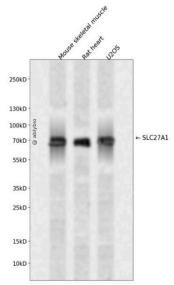
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 347-646 of human SLC27A1 (NP_940982.1).

靶点信息

研究背景	Mediates the ATP-dependent import of long-chain fatty acids (LCFA into the cell by mediating their translocation at the plasma membrane. Has also an acyl-CoA ligase activity for long-chain and very-long-chain fatty acids. May act directly as a bona fide transporter, or alternatively, in a cytoplasmic or membrane-associated multimeric protein complex to trap and draw fatty acids towards accumulation. Plays a pivotal role in regulating available LCFA substrates from exogenous sources in tissues undergoing high levels of beta-oxidation or triglyceride synthesis. May be involved in regulation of cholesterol metabolism (By similarity. Probably involved in fatty acid transport across the blood barrier.
基因ID	376497
基因名	SLC27A1
Swiss	Q6PCB7 (https://www.uniprot.org/uniprotkb/Q6PCB7/entry)
别名	SLC27A1,ACSVL5,FATP,FATP-1,FATP1,SLC27A1 Rabbit pAb,Arachidonate--CoA ligase,Fatty acid transport protein 1,Long-chain-fatty-acid--CoA ligase,Solute carrier family 27 member 1,Very long-chain acyl-CoA synthetase

产品验证



Western blot analysis of SLC27A1 expressed in Mouse skeletal muscle,Rat heart,U2OS using SLC27A1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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