

MCT4/SLC16A3 Rabbit pAb

货号: **AYP12653**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus
应用	WB IHC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200
理论分子量	49kDa
实测分子量	49KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa2,U-251MG,Mouse heart,Rat skeletal muscle
细胞定位	Cell membrane,Multi-pass membrane protein
纯化	Affinity purification

抗原信息

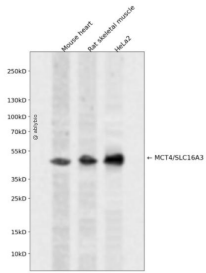
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 371-465 of human MCT 4/SLC16A3 (NP_004198.1).
序列	PPSGGKLLDATHVYMYVFILAGAEVLTSLLILLGNFFCIRKKPKPEVAAAEEEEKLHKPPADSGVDLREVEHFLKAEPEK NGEVVHTPETS

靶点信息

研究背景	Lactic acid and pyruvate transport across plasma membranes is catalyzed by members of the proton-linked monocarboxylate transporter (MCT) family, which has been designated solute carrier family-16. Each MCT appears to have slightly different substrate and inhibitor specificities and transport kinetics, which are related to the metabolic requirements of the tissues in which it is found. The MCTs, which include MCT 1 (SLC16A1; MIM 600682) and MCT2 (SLC16A7; MIM 603654), are characterized by 12 predicted transmembrane domains (Price et al., 1998 [PubMed 9425115]).[supplied by OMIM, Mar 2008]
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基因ID	9123
基因名	SLC16A3
Swiss	O15427
别名	SLC16A3;MCT 3;MCT 4;MCT-3;MCT-4;MCT3;MCT4

产品验证



Western blot analysis of MCT4/SLC16A3 expressed in Mouse heart, Rat skeletal muscle, HeLa2 using MCT4/SLC16A3 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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