

## 肉碱氧位甲基转移酶抗体

产品货号： mlR5048

英文名称： CROT

中文名称： 肉碱氧位甲基转移酶抗体

别名： Carnitine O octanoyltransferase; COT; CROT; OCTC\_HUMAN; Peroxisomal carnitine acyltransferase; Peroxisomal carnitine O octanoyltransferase; Peroxisomal carnitine O-octanoyltransferase.

研究领域： 心血管 细胞生物 免疫学 染色质和核信号 信号转导 细胞类型标志物 脂蛋白 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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 : 70kDa

细胞定位 : 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human CROT:41-140/612

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 background:**

CROT (Carnitine O-octanoyltransferase) is involved in the beta-oxidation of fatty acids. It catalyzes the reversible transfer of fatty acyl groups between CoA and carnitine. It has highest activity towards the C6 to C10 chain length substrate. It is a crucial step in the transport of medium- and long-chain acyl-CoA out of the mammalian peroxisome to the cytosol and mitochondria.

**Function:**

Beta-oxidation of fatty acids. The highest activity concerns the C6 to C10 chain length substrate. Converts the end product of pristanic acid beta oxidation, 4,8-dimethylnonanoyl-CoA, to its corresponding carnitine ester.

**Subunit:**

Monomer (Probable).

**Subcellular Location:**

Peroxisome.Similarity:

Belongs to the carnitine/choline acetyltransferase family.

**SWISS:**

Q9UKG9

**Gene ID:**

54677

**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

