OXCT2 蛋白抗体

产品货号： mlR17575

英文名称： OXCT2

中文名称： OXCT2 蛋白抗体

别　　名： 3 oxoacid CoA transferase 2; 3-oxoacid CoA-transferase 2A; FKSG25; mitochondrial; OXCT2; SCOT T; SCOT-t; SCOT2_HUMAN; SCOTT; Succinyl CoA:3 ketoacid coenzyme A transferase 2, mitochondrial; Succinyl-CoA:3-ketoacid coenzyme A transferase 2; Testis specific succinyl CoA:3 oxoacid CoA transferase; Testis-specific succinyl-CoA:3-oxoacid CoA-transferase.

研究领域： 细胞生物　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用 ： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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 ： 52kDa

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 OXCT2:401-500/517

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 : OXCT2 is a testis-specific succinyl-CoA:3-oxoacid CoA transferase (EC 2.8.3.5), which catalyzes the reversible transfer of CoA from succinyl-CoA to acetoacetate in the first step of ketone body utilization. See also OXCT1 (MIM 601424).[supplied by OMIM, Mar 2008]

Function:

Key enzyme for ketone body catabolism. Transfers the CoA moiety from succinate to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate.

Subcellular Location:

Mitochondrion.

Tissue Specificity:

Testis specific.

Similarity:

Belongs to the 3-oxoacid CoA-transferase family.

SWISS:

Q9BYC2

Gene ID:

64064

Important Note:

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