



## Rabbit Anti-OXCT2 antibody

SL17575R

<b>Product Name:</b>	OXCT2
<b>Chinese Name:</b>	OXCT2蛋白抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	52kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human OXCT2:401-500/517
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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

**Database links:**

[Entrez Gene: 64064](#) Human

[Omid: 610289](#) Human

[SwissProt: Q9BYC2](#) Human

[Unigene: 472491](#) Human

**Important Note:**

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