

**OXCT2 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20393c****Specification**

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**OXCT2 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q9BYC2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	56140
Antigen Region	275-301

**OXCT2 Antibody (Center) - Additional Information****Gene ID** 64064**Other Names**

Succinyl-CoA:3-ketoacid coenzyme A transferase 2, mitochondrial, 3-oxoacid CoA-transferase 2A, Testis-specific succinyl-CoA:3-oxoacid CoA-transferase, SCOT-t, OXCT2

**Target/Specificity**

This OXCT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 275-301 amino acids from the Central region of human OXCT2.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

OXCT2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**OXCT2 Antibody (Center) - Protein Information****Name** OXCT2

**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 (By similarity).

**Cellular Location**

Mitochondrion.

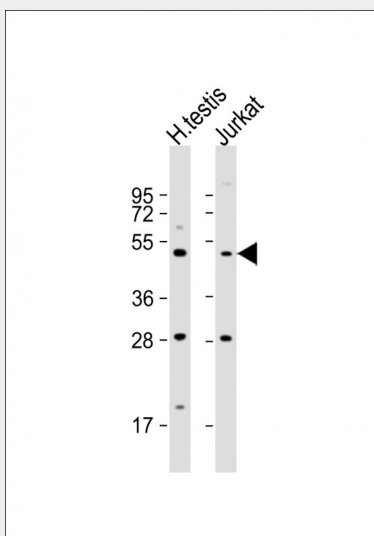
**Tissue Location**

Testis specific..

**OXCT2 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**OXCT2 Antibody (Center) - Images**

All lanes : Anti-OXCT2 Antibody (Center) at 1:1000 dilution Lane 1: human testis lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

**OXCT2 Antibody (Center) - Background**

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 (By similarity).