

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

Specification

OXCT2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9BYC2
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

E~~Use at an assay dependent concentration.

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.

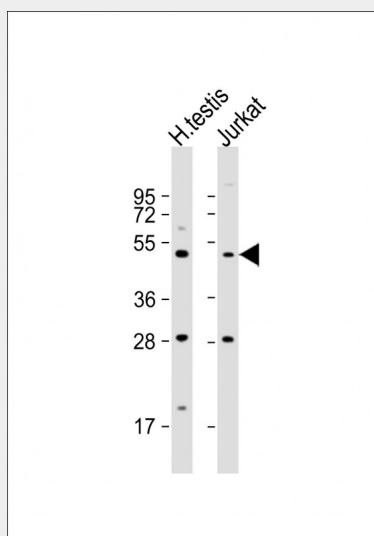
Tissue Location

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% NFDM/TBST.

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).