

DATASHEET

OXCT2 Rabbit Polyclonal Antibody

CAT. NO. APA18654

KEY FEATURES

Target	OXCT2	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

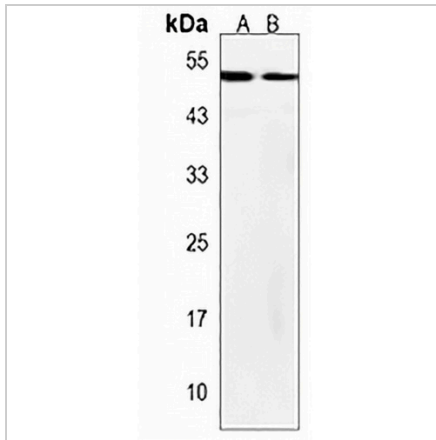
Description	Rabbit polyclonal antibody to OXCT2
Specificity	Recognizes endogenous levels of OXCT2 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human OXCT2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 56 kD; Observed: 51 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative 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
Gene Symbol	OXCT2
Entrez Gene	64064(Human)
SwissProt	Q9BYC2(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of OXCT2 expression in human testis (A), Jurkat (B) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 51 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.