

**ARG58973**  
anti-OXCT1 antibodyPackage: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes OXCT1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	OXCT1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 261-520 of Human OXCT1 (NP_000427.1).
Conjugation	Un-conjugated
Alternate Names	OXCT; EC 2.8.3.5; Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial; SCOT-s; SCOT; Somatic-type succinyl-CoA:3-oxoacid CoA-transferase; 3-oxoacid CoA-transferase 1

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse heart	
Observed Size	56 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

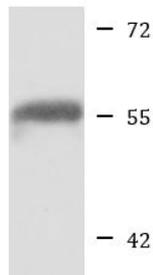
## Bioinformation

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Gene Symbol	OXCT1
Gene Full Name	3-oxoacid CoA transferase 1
Background	This gene encodes a member of the 3-oxoacid CoA-transferase gene family. The encoded protein is a homodimeric mitochondrial matrix enzyme that plays a central role in extrahepatic ketone body catabolism by catalyzing the reversible transfer of coenzyme A from succinyl-CoA to acetoacetate. Mutations in this gene are associated with succinyl CoA:3-oxoacid CoA transferase deficiency. [provided by RefSeq, Jul 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. [UniProt]
Calculated Mw	56 kDa
Cellular Localization	Mitochondrion matrix. [UniProt]

## Images

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Mouse heart

ARG58973 anti-OXCT1 antibody WB image

Western blot: 25 µg of Mouse heart lysate stained with ARG58973 anti-OXCT1 antibody at 1:3000 dilution.