

Datasheet for ABIN7170928

anti-OXCT1 antibody (AA 40-520) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	OXCT1
Binding Specificity:	AA 40-520
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OXCT1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial protein (40-520AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	OXCT1
Alternative Name:	OXCT1 (OXCT1 Products)
Background:	Background: Key enzyme for ketone body catabolism. Transfers the CoA moiety from succinate

Target Details

to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate.

Aliases: 3 oxoacid CoA transferase 1 antibody, 3-oxoacid CoA-transferase 1 antibody, EC 2.8.3.5 antibody, OTTHUMP00000120012 antibody, OTTHUMP00000221550 antibody, OXCT antibody, Oxct1 antibody, SCOT antibody, Scot S antibody, Scot-S antibody, SCOT1_HUMAN antibody, Somatic type succinyl CoA:3 oxoacid CoA transferase antibody, Somatic-type succinyl-CoA:3-oxoacid CoA-transferase antibody, Succinyl CoA:3 ketoacid CoA transferase antibody, Succinyl CoA:3 ketoacid coenzyme A transferase 1 mitochondrial antibody, Succinyl CoA:3 oxoacid CoA transferase antibody, Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial antibody

UniProt: [P55809](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.