



[Go to Product page](#)

Datasheet for ABIN709511
anti-OXCT1 antibody (AA 211-310)

Overview

Quantity:	100 µL
Target:	OXCT1
Binding Specificity:	AA 211-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OXCT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OXCT1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	OXCT1
Alternative Name:	OXCT1 (OXCT1 Products)

Target Details

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

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.

Gene ID: 646603

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

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months