

Rabbit OXCT1 Polyclonal Antibody | anti-OXCT1 antibody

OXCT1 antibody - middle region

CATALOG # AAA199925	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

OXCT1; Polyclonal Antibody; OXCT1 antibody - middle region; anti-OXCT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: GM YANLGIGIPL LASNFISPNI TVHLQSENGV LGLGPYPRQH EADADLIN
Sequence Length	520
Applicable Applications for anti-OXCT1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 92%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human OXCT1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-OXCT1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



WB (Western Blot)

OXCT1 antibody - middle region validated by WB using Proximal kidney tubules purified from cortex at 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-OXCT1 antibody	This is a rabbit polyclonal antibody against OXCT1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CT1 is a member of the 3-oxoacid CoA-transferase gene family. It 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.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.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.
Product Categories/Family for anti-OXCT1 antibody	Polyclonal; Signal Proteins; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557817
NCBI GeneID	5019
NCBI Accession #	NP_000427
NCBI GenBank Nucleotide #	NM_000436
UniProt Accession #	P55809
Molecular Weight	52kDa
NCBI Official Full Name	succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial isoform 3
NCBI Official Synonym Full Names	3-oxoacid CoA-transferase 1
NCBI Official Symbol	OXCT1
NCBI Official Synonym Symbols	OXCT; SCOT
NCBI Protein Information	succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
UniProt Protein Name	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
UniProt Gene Name	OXCT1
UniProt Synonym Gene Names	OXCT; SCOT; SCOT-s

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.