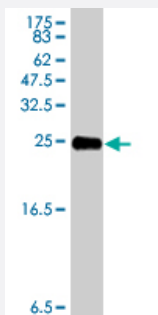


OXCT1 polyclonal antibody (A01)

Catalog # H00005019-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (32.05 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant OXCT1.
Immunogen	OXCT1 (NP_000427, 75 a.a. ~ 128 a.a) partial recombinant protein with GST tag.
Sequence	DALLKTGVKGLTAVSNNAGVDNFGLGLLLRSKQIKRMVSSYVGENAEFERQYLS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.05 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — OXCT1

Entrez GeneID [5019](#)

GeneBank Accession# [NM_000436](#)

Protein Accession# [NP_000427](#)

Gene Name OXCT1

Gene Alias OXCT, SCOT

Gene Description 3-oxoacid CoA transferase 1

Omim ID [245050 601424](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations succinyl CoA:3-oxoacid CoA transferase|succinyl-CoA:3-ketoacid-CoA transferase

Pathway

- [Butanoate metabolism](#)
- [Synthesis and degradation of ketone bodies](#)
- [Valine](#)