

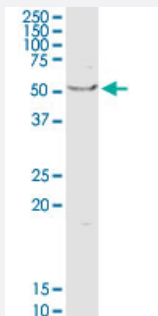
MaxPab®

OXCT1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005019-D01P

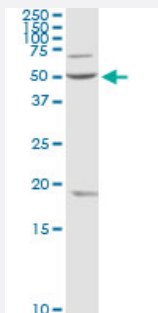
Size 100 ug

Applications



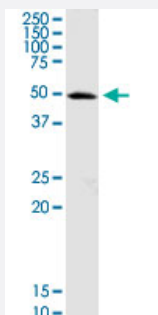
Western Blot (Cell lysate)

OXCT1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OXCT1 expression in HeLa.



Western Blot (Cell lysate)

OXCT1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OXCT1 expression in Jurkat.



Western Blot (Cell lysate)

OXCT1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OXCT1 expression in NIH/3T3.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human OXCT1 protein.

Immunogen	OXCT1 (NP_000427.1, 1 a.a. ~ 520 a.a) full-length human protein.
Sequence	MAALKLLSSGLRLCASARGSGATWYKGCVCFSFSTSAHRHTKFYTDPEAVKDIPDGATVTVGGF GLCGIPENLIDALLKTGVKGLTAVSNNAGVDNFGLLLSKQIKRMVSSYGENAEFERQYLSGE LEVELTPQGTLAERIRAGGAGVPAFYPTGYGTLVQEGGSPIKYNDGSAVASKPREVREFNGQH FILEEAITGDFALVKAWKADRAGNVIFRKSARNFNLPMCKAAETTVVEVEEVDIGAFAPEDIHIPQIY VHRLIKGEKYEKRIERLSIRKEGDGEAKSAKPGDDVRERIIRAALFEDGMYANLGIGIPLLASNFI PNITVHLQSENGVLGLGPYPRQHEADADLINAGKETVTILPGASFFSSDESFAMIRGGHVDLTMLG AMQVSKYGDLANWMIPGKMVKMGMGAMDLVSSAKTKVVVTMEHSAKNAHKIMEKCTLPLTGK QCVNRIITEKAVFDVDKKGKGLTIELWEGLTVDDVQKSTGCDFAVSPKLMPMQQIAN
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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Gene Info — OXCT1

Entrez GeneID [5019](#)

GeneBank Accession#	NM_000436.3
Protein Accession#	NP_000427.1
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](#)