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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OXCT1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005019-D01P

規格 : [100 ug]

[List All](#)

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:
 MAALKLLSSGLRLCASARGSGATWYKGCVCSFSTSAHRHTKFYTDPVE
 AVKDIPDGATVLVGGFGLCGIPENLIDALLKTGVKGLTAVSNNAGVDNFG
 LGLLLRSKQIKRMVSSYVGENAEFERQYLSGELEVELTPQGTLAERIRAG
 GAGVPAFYPTGYGTLVQEGGSPIKYKDGSAIASKPREVREFNGQHFI
 LEEAITGDFALVKAWKADRAGNVIFRKSARNFNLPMCKAAETTVEVEEV
 DIGAFAPEDIHIPQIYVHRLIKGEKEYEKRIERLSIRKEGDGEAKSAKPGDDV
 RERIIKRAALEFEDGMYANLIGIPLLASNFISPNTVHLQSENGVLGLGPYP
 RQHEADADLINAGKETVTILPGASFFSSDESFAMIRGGHVDLTMLGAMQV
 SKYGDLANWMIPGKMVKMGAMDLVSSAKTKVVVTMEHSAKGNNAHKI
 MEKCTPLTGKQCVNRIITEKAVFDVDKKGKGLTIELWEGLTVDDVQKST
 GCDFAVSPKLMMPMQQIAN

Host: Rabbit

Reactivity: Human, Mouse

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

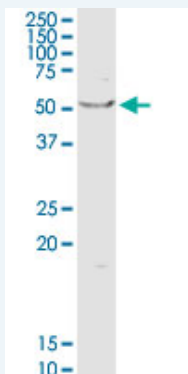
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

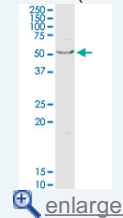


OXCT1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OXCT1 expression in HeLa.

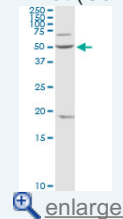
[Protocol Download](#)

Application Image

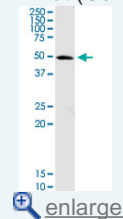
Western Blot (Cell lysate)



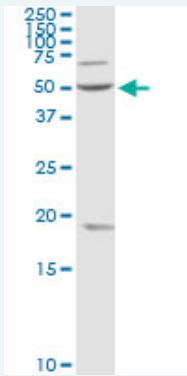
Western Blot (Cell lysate)




Western Blot (Cell lysate)



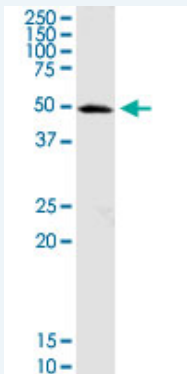
Western Blot (Cell lysate)



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

 [Protocol Download](#)

Western Blot (Cell lysate)



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

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5019](#)

GeneBank [NM_000436.3](#)

Accession#:

Protein [NP_000427.1](#)

Accession#:

Gene Name: OXCT1

Gene Alias: OXCT,SCOT

Gene 3-oxoacid CoA transferase 1

Description:

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

Gene Pathway

Butanoate metabolism Synthesis and degradation of ketone bodies
Valine, leucine and isoleucine degradation

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