



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## OXCT1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005019-B01P

規格 : [ 50 ug ]

[List All](#)

### Specification

**Product Description:** Mouse 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  
 GAGVPAFYTPTYGTLVQEGGSPIKYKDGSAIASKPREVREFNGQHFI  
 LEEAITGDFALVKAWKADRAGNVIFRKSARNFNLPCKAAETTVEVEEIV  
 DIGAFAPEDIHIPQIVHRLIKGEKEYEKRIERLSIRKEGDGEAKSAKPGDDV  
 RERIIKRAALEFEDGMYANLIGIPLLASNFISPNTVHLQSENGVLGLGPYP  
 RQHEADADLINAGKETVTILPGASFFSSDESFAMIRGGHVDLTMLGAMQV  
 SKYGDLANWMIPGKMVKMGAMDLVSSAKTKVVVTMEHSAKGNNAHKI  
 MEKCTPLTGKQCVNRIITEKAVFDVDDKKGLTIELWEGLTVDDVQKST  
 GCDFAVSPKLMMPMQQIAN

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

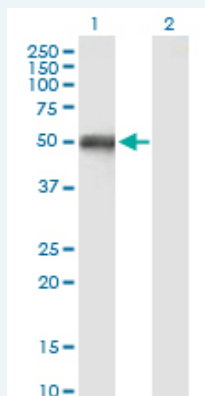
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

#### Western Blot (Transfected lysate)

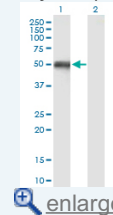


Western Blot analysis of OXCT1 expression in transfected 293T cell line (H00005019-T01) by OXCT1 MaxPab polyclonal antibody.

Lane 1: OXCT1 transfected lysate(57.2 KDa).

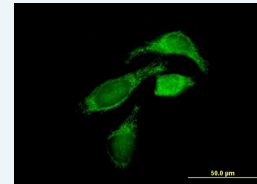
### Application Image

#### Western Blot (Transfected lysate)



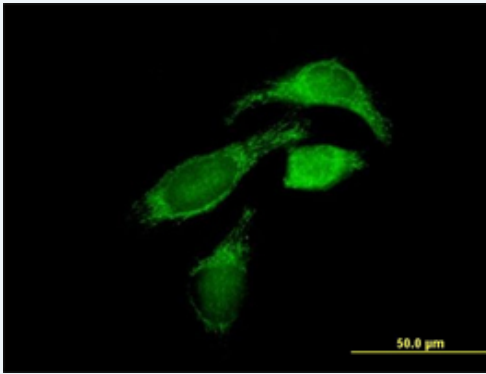
[enlarge](#)


#### Immunofluorescence



[enlarge](#)

### Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to OXCT1 on HeLa cell. [antibody concentration 10 ug/ml]

### Gene Information

**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

### Gene Pathway

[Butanoate metabolism](#) [Synthesis and degradation of ketone bodies](#)  
[Valine, leucine and isoleucine degradation](#)