



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

Catalog # : H00004598-B01P

規格 : [ 50 ug ]

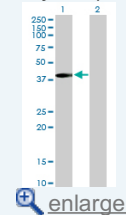
[List All](#)

### Specification

|                                 |   |
|---------------------------------|---|
| <b>Product Description:</b>     | Mouse polyclonal antibody raised against a full-length human MVK protein.   |
| <b>Immunogen:</b>               | MVK (NP_000422.1, 1 a.a. ~ 396 a.a) full-length human protein.  |
| <b>Sequence:</b>                | MLSEVLLVSAPGKVLHGEHAVVHGKVALAVSLNLRNFLRLQPHSNGKVD<br>LSLPNIGIKRAWDVARLQSLDTSFLEQGDVTTPTSEQVEKLKEVAGLPDD<br>CAVTERLAVLAFLLYLSICRKQRALPSLDIWWSELPPGAGLGSSAAYS<br>VCLAAALLTVCEEIPNPLKDGDCVNRWTKEDLELINKWAFQGERMIHGNP<br>SGVDNAVSTWGGALRYHQGKISSLKRSPALQILLTNTKVPRNTRALVAG<br>VRNRLKFP EIVAPLLTSIDAISECEVRLGEMGEAPAPEQYL VLEELIDMN<br>QHHLNALGVGHASLDQLCQVTRARGLHSLTGAGGGGCGITLLKPGLE<br>QPEVEATKQAL TSCGFDCLET SIGAPGVS IHSATSLDSRVQQALDGL |
| <b>Host:</b>                    | Mouse   |
| <b>Reactivity:</b>              | Human   |
| <b>Quality Control Testing:</b> | Antibody reactive against mammalian transfected lysate.   |
| <b>Storage Buffer:</b>          | In 1x PBS, pH 7.4   |
| <b>Storage Instruction:</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |
| <b>MSDS:</b>                    | <a href="#">Download</a>  |
| <b>Datasheet:</b>               | <a href="#">Download</a>  |

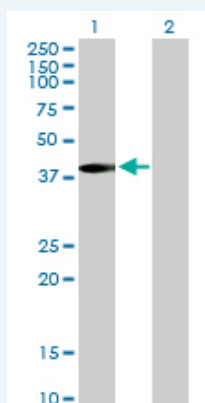
### Application Image

Western Blot (Transfected lysate)



### Applications

#### Western Blot (Transfected lysate)



Western Blot analysis of MVK expression in transfected 293T cell line (H00004598-T01) by MVK MaxPab polyclonal antibody.

Lane 1: MVK transfected lysate(43.56 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Information

Entrez GeneID: [4598](#)

GeneBank [NM\\_000431.1](#)  
Accession#:

Protein [NP\\_000422.1](#)  
Accession#:

Gene Name: MVK

Gene Alias: FLJ96772,LRBP,MK,MVLK

Gene Description: mevalonate kinase

Omim ID: [251170](#), [260920](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes the peroxisomal enzyme mevalonate kinase. Mevalonate is a key intermediate, and mevalonate kinase a key early enzyme, in isoprenoid and sterol synthesis. Mevalonate kinase deficiency caused by mutation of this gene results in mevalonic aciduria, a disease characterized psychomotor retardation, failure to thrive, hepatosplenomegaly, anemia and recurrent febrile crises. Defects in this gene also cause hyperimmunoglobulinaemia D and periodic fever syndrome, a disorder characterized by recurrent episodes of fever associated with lymphadenopathy, arthralgia, gastrointestinal dismay and skin rash. Two transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]

Other Designations: LH receptor mRNA-binding protein,mevalonic aciduria

## Gene Pathway

[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)  
[Biosynthesis of plant hormones](#) [Biosynthesis of terpenoids and steroids](#)  
[Metabolic pathways](#) [Terpenoid backbone biosynthesis](#)

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