



# 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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# FKBP4 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00002288-B01P

規格 : [ 50 ug ]

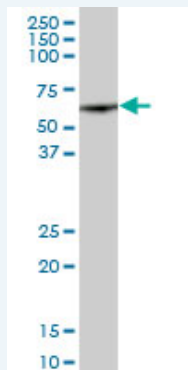
[List All](#)

## Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human FKBP4 protein.
<b>Immunogen:</b>	FKBP4 (NP_002005.1, 1 a.a. ~ 459 a.a) full-length human protein.
<b>Sequence:</b>	MTAEEMKATESGAQSAPLMEGVDISPKQDEGVLVKVIKREGTGTEMPMI GDRVHVHYTGWLLDGTGKFDSSLDRKDKFSFDLGKGEVIKAWDIAITMK VGEVCHITCKPEYAYGSAGSPPKIPPNATLVFEVLELFEFKGEDLTEEEDG GIIRRIQTRGEGYAKPNEGAIWEVALEGYKDKLFDQRELRFEIGEGENLD LPYGLERAIQRMEKGEHSIMYLKPSYAFGSVGKEKFQIPPNAELKYELHLK SFEKAKESWEMNSEEKLEQSTIVKERTVYFKEGKYQALLQYKIVSW LEYESSFSNEEAQKAQALRLASHLNLAMCHLKLQAFSAIESCNKALELD SNNEKGLFRRGEAHLAVNDFELARADFQKVLQLYPNNKAAKQLAVCQ QRIRRLAREKKLYANMFERLAEEENKAKAEASSGDHPTDTEMKEEQKS NTAGSQSQVETEA
<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>

## Applications

### Western Blot (Tissue lysate)



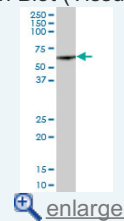
FKBP4 MaxPab polyclonal antibody. Western Blot analysis of FKBP4 expression in human liver.

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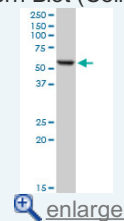
### Western Blot (Cell lysate)

## Application Image

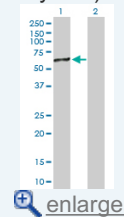
### Western Blot (Tissue lysate)



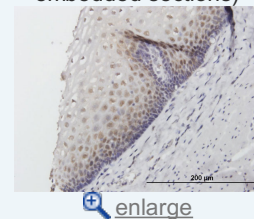
### Western Blot (Cell lysate)



### Western Blot (Transfected lysate)

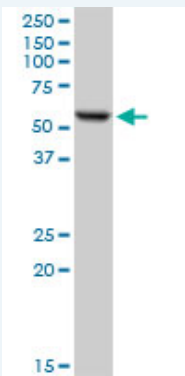


### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



### Immunofluorescence

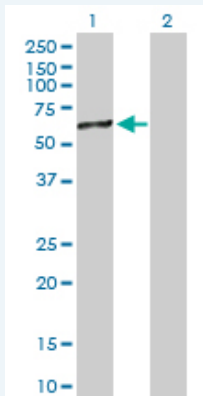




FKBP4 MaxPab polyclonal antibody. Western Blot analysis of FKBP4 expression in HeLa.

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#### Western Blot (Transfected lysate)



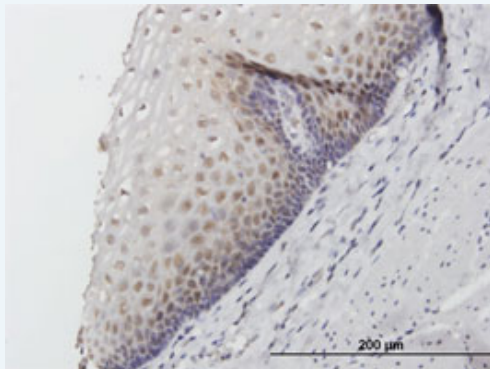
Western Blot analysis of FKBP4 expression in transfected 293T cell line ([H00002288-T01](#)) by FKBP4 MaxPab polyclonal antibody.

Lane 1: FKBP4 transfected lysate(50.49 KDa).

Lane 2: Non-transfected lysate.

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#### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

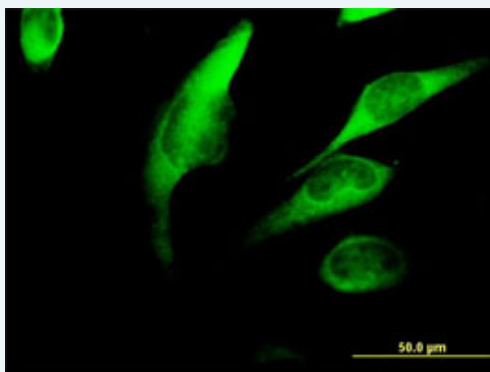


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Immunoperoxidase of purified MaxPab antibody to FKBP4 on formalin-fixed paraffin-embedded human esophagus. [antibody concentration 3 ug/ml]


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#### Immunofluorescence



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Immunofluorescence of purified MaxPab antibody to FKBP4 on HeLa cell. [antibody concentration 10 ug/ml]

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## Gene Information

**Entrez GeneID:** [2288](#)

**GeneBank  
Accession#:** [NM\\_002014](#)

**Protein  
Accession#:** [NP\\_002005.1](#)

**Gene Name:** FKBP4

**Gene Alias:** FKBP52,FKBP59,HBI,Hsp56,PPlase,p52

**Gene  
Description:** FK506 binding protein 4, 59kDa

**Omim ID:** [600611](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It has high structural and functional similarity to FK506-binding protein 1A (FKBP1A), but unlike FKBP1A, this protein does not have immunosuppressant activity when complexed with FK506. It interacts with interferon regulatory factor-4 and plays an important role in immunoregulatory gene expression in B and T lymphocytes. This encoded protein is known to associate with phytanoyl-CoA alpha-hydroxylase. It can also associate with two heat shock proteins (hsp90 and hsp70) and thus may play a role in the intracellular trafficking of hetero-oligomeric forms of the steroid hormone receptors. This protein correlates strongly with adeno-associated virus type 2 vectors (AAV) resulting in a significant increase in AAV-mediated transgene expression in human cell lines. Thus this encoded protein is thought to have important implications for the optimal use of AAV vectors in human gene therapy. The human genome contains several non-transcribed pseudogenes similar to this gene. [provided by RefSeq]

**Other  
Designations:** 52 kD FK506 binding protein,FK506 binding protein 4 (59kD),FK506 binding protein 52,FK506-binding protein 4 (59kD),HSP binding immunophilin,T-cell FK506-binding protein, 59kD,p59 protein,peptidylprolyl cis-trans isomerase,rotamase

## Related Disease

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