



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# FKBP4 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00002288-B01

規格 : [ 50 uL ]

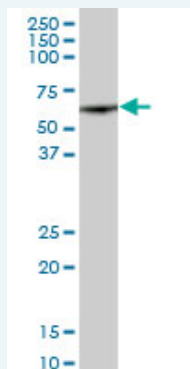
[List All](#)

## Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human FKBP4 protein.
<b>Immunogen:</b>	FKBP4 (NP_002005, 1 a.a. ~ 459 a.a) full-length human protein.
<b>Sequence:</b>	MTAEEMKATESGAQSAPLPMEGVDISPKQDEGVLKVIKREGTGTEMPMI GDRV FVHYTGWLLDGTKFDSSLDRKDKFSFDLGKGEVIKAWDIAITMK VGEVCHITCKPEYAYGSAGSPPKIPP NATLVFEVELFEFKGEDLTEEEDG GIIRRIQTRGEGYAKPNEGAI VEVALEGYKDKLFDQRELRF EIGEENLD LPYGLERAIQRMEKGEHSIMYLKPSYAFGSVGKEKFQIPNAELKYELHLK SFEKAKESWEMNSEEKLEQSTIVKERGT VYFKEGKYKQALLQYKIVSW LEYESSFSNEEAQKAQALRLASHLNLAMCHLKLQAFSAIESCNKALELD SNNEKGLFRRGEAHLAVNDFELARADFQKVLQLYPNNKAAKTQLAVCQ 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>	No additive
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Note:</b>	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
<b>MSDS:</b>	<a href="#">Download</a>
<b>Datasheet:</b>	<a href="#">Download</a>

## Applications

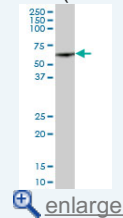
### Western Blot (Tissue lysate)



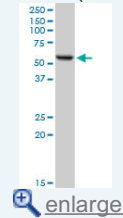
FKBP4 MaxPab polyclonal antibody. Western Blot analysis of FKBP4 expression in human liver.

## Application Image

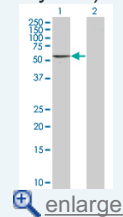
### Western Blot (Tissue lysate)



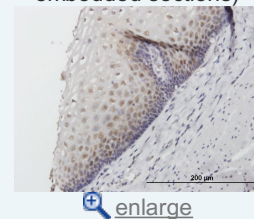
### Western Blot (Cell lysate)



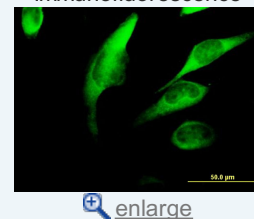
### Western Blot (Transfected lysate)



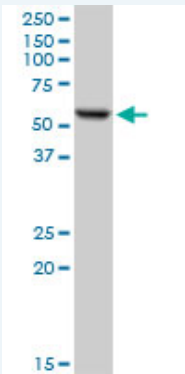
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



### Immunofluorescence

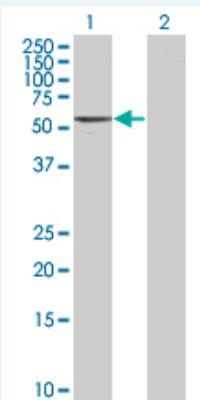


### Western Blot (Cell lysate)



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

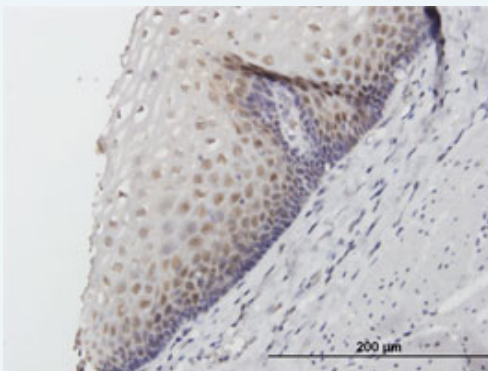
### Western Blot (Transfected lysate)




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.

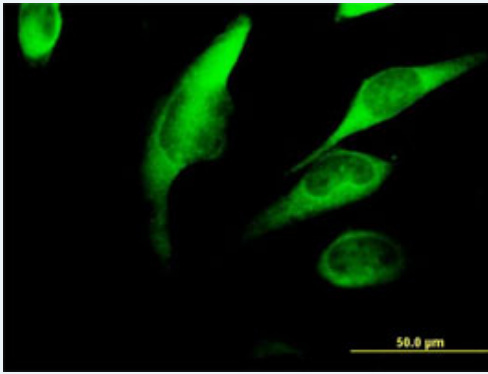
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



 enlarge this image


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

### Immunofluorescence



[enlarge this image](#)

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

 [Protocol Download](#)

## Gene Information

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

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

**Accession#:**

**Protein** [NP\\_002005](#)

**Accession#:**

**Gene Name:** FKBP4

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

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

**Description:**

**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

[Asthma](#) [Asthma](#) [Genetic Predisposition to Disease](#) [Glaucoma](#), [Open-Angle](#) [Hypospadias Syndrome](#)

---

---

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.