



# 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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# NFKBIB MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00004793-B01

規格 : [ 50 uL ]

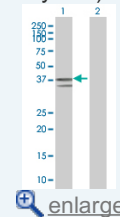
[List All](#)

## Specification

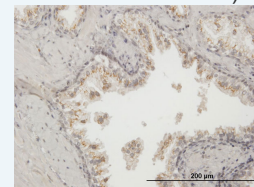
<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human NFKBIB protein.
<b>Immunogen:</b>	NFKBIB (NP_002494.2, 1 a.a. ~ 356 a.a) full-length human protein.
<b>Sequence:</b>	MAGVACLGKAADADEWCDSGLGSLGPDAAAPGGPGLGAE LGPGLSW APLVFGYVTE DGD TALHLAVIHQHEPFLDFLLGFSAGTEYMDLQNDLGQ TALHLAAILGETSTVEKLYAAGAGLCVAERRGHTALHLACRVGAHACARA LLQPRRRPREAPDTYLAQGPDRTPDTNHTPVALYPDSLEKEEEEESEE DWKLQLEAENYEGHTPLHVAVIHKDVEMVRLLRDAGADLDKPEPTCGRS PLHLAVEAQAADVLELLLRAGANPAARMYGGRTPLGSAMLRPNPILARLL RAHGAPEPEGEDEKSGPCSSSSSDSDSGDEGDEYDDIVHSSRSQTRLRP PTPASKPLPDDPRPV
<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>

## Application Image

Western Blot (Transfected lysate)

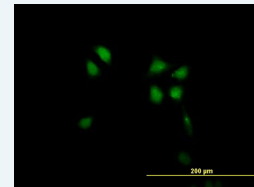


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



 [enlarge](#)

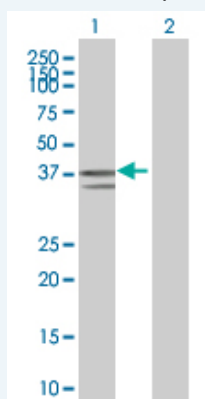
Immunofluorescence



 [enlarge](#)

## Applications

### Western Blot (Transfected lysate)



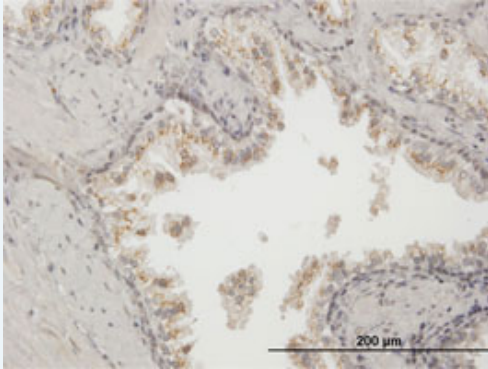
Western Blot analysis of NFKBIB expression in transfected 293T cell line (H00004793-T01) by NFKBIB MaxPab polyclonal antibody.


Lane 1: NFKBIB transfected lysate(39.16 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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

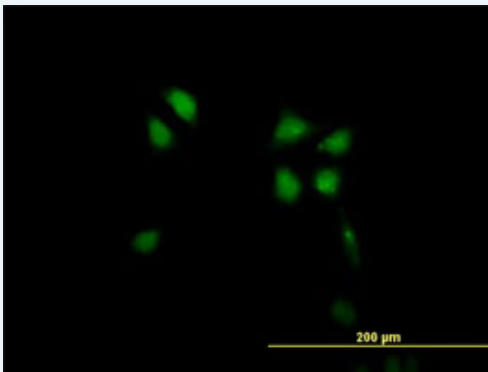



 [enlarge this image](#)

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

 [Protocol Download](#)

### Immunofluorescence



 [enlarge this image](#)

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

 [Protocol Download](#)

### Gene Information

Entrez GeneID: [4793](#)

GeneBank [NM\\_002503.3](#)  
Accession#:

Protein [NP\\_002494.2](#)  
Accession#:

Gene Name: NFKBIB

Gene Alias: IKBB,TRIP9

Gene Description: nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta

Omim ID: [604495](#)

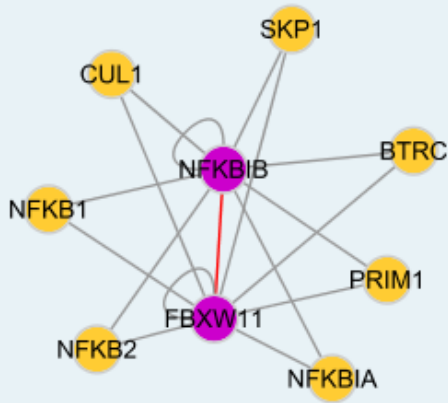
Gene Ontology: [Hyperlink](#)

**Gene Summary:** NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA, MIM 164008, or NFKBIB), which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, MIM 600664 or IKBKB, MIM 603258) marks them for destruction via the ubiquitination pathway, thereby allowing

activation of the NF-kappa-B complex. Activated NFkB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime (where H is A, C, or T; R is an A or G purine; and Y is a C or T pyrimidine).[supplied by OMIM

Other -  
Designations:

### Interactome



### Gene Pathway

[Adipocytokine signaling pathway](#) [B cell receptor signaling pathway](#)  
[Chemokine signaling pathway](#) [Neurotrophin signaling pathway](#)  
[T cell receptor signaling pathway](#)

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[Lymphoma, Non-Hodgkin](#) [Musculoskeletal Diseases](#) [Neoplasm Recurrence, Local](#)  
[Neoplasms, Second Primary](#)

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