



# 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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## Datasheet

### RELA recombinant monoclonal antibody, clone NFkBp65S529-A2

**Catalog Number:** RAB02853

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against human RELA.

**Clone Name:** NFkBp65S529-A2

**Immunogen:** A synthetic phospho-peptide corresponding to residues surrounding Ser529 of human phospho-NFkB p65

**Antibody Species:** Rabbit

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Protein A+G

**Isotype:** Rabbit IgG1k

**Recommend Usage:** Western Blot  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** 1X PBS, 0.02% Sodium azide, 50% Glycerol, 0.1% BSA

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

**Entrez GeneID:** 5970

**Gene Symbol:** RELA

**Gene Alias:** MGC131774, NFkB3, p65

**Gene Summary:** NFkB1 (MIM 164011) or NFkB2 (MIM 164012) is bound to REL (MIM 164910), RELA, or RELB (MIM 604758) to form the NFkB complex. The p50 (NFkB1)/p65 (RELA) heterodimer is the most abundant form of NFkB. The NFkB complex is inhibited by I-kappa-B proteins (NFkBIA, MIM 164008 or NFkBIB,

MIM 604495), which inactivate NFkB 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 NFkB 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]