

## Basic Information

Product Name	Anti-NF- $\kappa$ B p65/RELA Antibody	
Gene Name	RELA	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	human, mouse	
Tested Application	WB	
Contents	500 ug/ml;mouse IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.	
Immunogen	A synthesized peptide derived from human NF-B p65	
concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	65KD	
Dilution Ratios	Western blot (WB): 1:100-400 Immunohistochemistry in paraffin section (IHC): 1:10-50 Immunocytochemistry/Immunofluorescence (ICC/IF):1:10-50	

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

RELA(V-REL AVIAN RETICULOENDOTHELIOSIS VIRAL ONCOGENE HOMOLOG A), also called NFKB3 or NFKB, p65 SUBUNIT. NFKB1 or NFKB2 is bound to REL, RELA, or RELB to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins, which inactivate NFKB by trapping it in the cytoplasm. The p65(RELA) heterodimer is the most abundant form of NFKB. And the RELA gene is located on 11q13.1. RELA is a nonhistone substrate of HDAC3 and that IKBA-dependent nuclear export of the HDAC3-deacetylated RELA replenishes the depleted cytoplasmic pool of latent NFKB-IKBA complexes for subsequent NFKB responses. RELA nucleocytoplasmic redistribution coincided with export of PPARG, and immunoprecipitation analysis indicated that PPARG-RELA association was dependent on the PPARG C-terminal ligand-binding domain. IKK-dependent phosphorylation of RELA on ser468 enhanced binding of GCN5 to RELA and RELA ubiquitination.

## Reference

Anti-NF- $\kappa$ B p65/RELA Antibody被引用在10文献中。

Product datasheet

## Anti-NF- $\kappa$ B p65/RELA Antibody

Catalog Number: **BM3940**

# BOSTER

antibody and ELISA experts

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## Selected Validation Data

Western blot analysis of NF- $\kappa$ B p65 expression in HeLa cell lysate.

