

# NF- $\kappa$ B p65/RelA Rabbit pAb

Catalog No.: A11204 **16 Publications**

## Basic Information

### Observed MW

65kDa

### Calculated MW

60kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC, IP

### Cross-Reactivity

Human, Mouse, Rat

## Background

NF- $\kappa$ B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF- $\kappa$ B moves to the nucleus and activates transcription of specific genes. NF- $\kappa$ B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF- $\kappa$ B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**IP** 0.5 $\mu$ g-4 $\mu$ g antibody for  
200 $\mu$ g-400 $\mu$ g extracts of  
whole cells

## Immunogen Information

### Gene ID

5970

### Swiss Prot

Q04206

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 450-551 of human NF- $\kappa$ B p65/RelA (NP\_068810.3).

### Synonyms

p65; CMCU; NFKB3; AIF3BL3; NF- $\kappa$ B p65/RelA

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

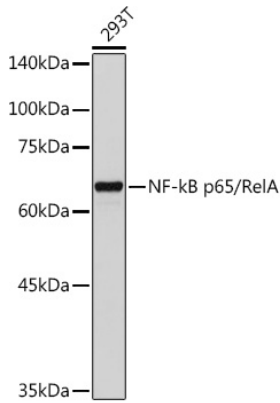
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from 293T cells, using NF-kB p65/RelA Rabbit pAb (A11204) at 1:1000 dilution.

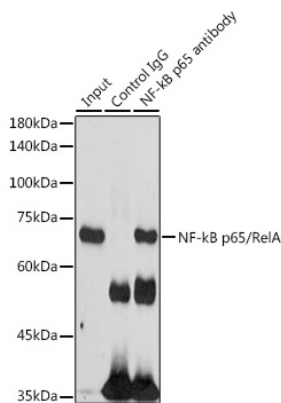
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

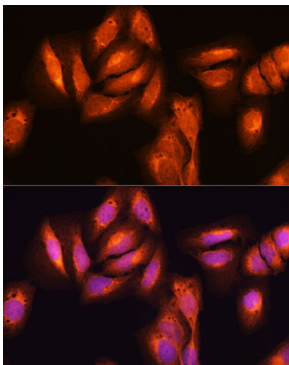
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

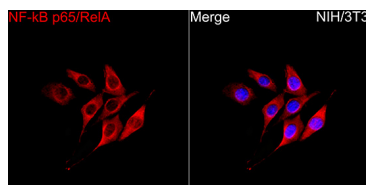
Exposure time: 60s.



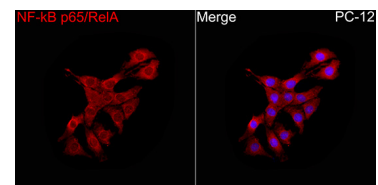
Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg NF-kB p65/RelA antibody (A11204). Western blot was performed from the immunoprecipitate using NF-kB p65/RelA antibody (A11204) at a dilution of 1:1000.



Immunofluorescence analysis of U2OS cells using NF-kB p65/RelA Rabbit pAb (A11204) at dilution of 1:100. Blue: DAPI for nuclear staining.



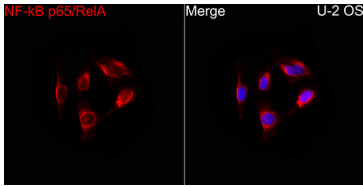
Immunofluorescence analysis of NIH/3T3 cells using NF-kB p65/RelA Rabbit pAb (A11204) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using NF-kB p65/RelA Rabbit pAb (A11204) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

## Validation Data

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Immunofluorescence analysis of U-2 OS cells using NF-kB p65/RelA Rabbit pAb (A11204) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.