

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

Catalog No.: A2547SP **185 Publications**

## Basic Information

### Observed MW

65 kDa

### Calculated MW

59 kDa/60 kDa

### Category

Primary antibody

### Applications

WB,IP,IF/ICC,ELISA

### 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** 1:2000 - 1:10000

**IP** 0.5 $\mu$ g-4 $\mu$ g antibody for  
200 $\mu$ g-500 $\mu$ g extracts of  
whole cells

**IF/ICC** 1:500 - 1:2000

**ELISA** Recommended starting  
concentration is 1  $\mu$ g/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements. For high-  
ratio antibody dilutions  
( $\geq$ 1:10000) a sequential  
dilution method is  
strongly recommended  
to ensure measurement  
accuracy.

## Immunogen Information

### Gene ID

5970

### Swiss Prot

Q04206

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.

## Contact

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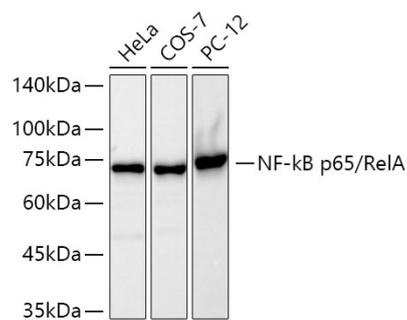
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## Validation Data



Western blot analysis of various lysates using NF-kB p65/RelA Rabbit pAb (A25475P) at 1:10000 dilution incubated overnight at 4°C.

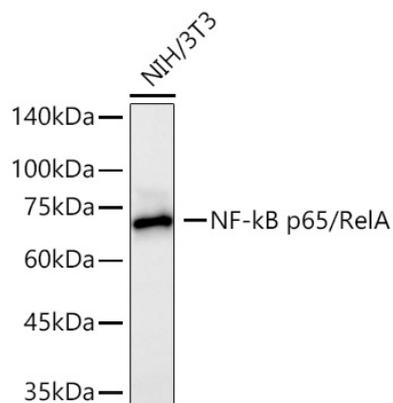
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60 s.



Western blot analysis of lysates from NIH/3T3 cells using NF-kB p65/RelA Rabbit pAb (A25475P) at 1:10000 dilution incubated overnight at 4°C.

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

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90 s.