

# Phospho-NF-kB p65/RelA-S529 Rabbit pAb

Catalog No.: AP0944

3 Publications

## Basic Information

### Observed MW

57kDa

### Calculated MW

60kDa

### Category

Primary antibody

### Applications

ELISA, WB

### 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

## Immunogen Information

### Gene ID

5970

### Swiss Prot

Q04206

### Immunogen

A synthetic phosphorylated peptide around S529 of human NF-kB p65/RelA (NP\_068810.3).

### Synonyms

p65; CMCU; NFKB3; AIF3BL3; Phospho-NF-kB p65/RelA-S529

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

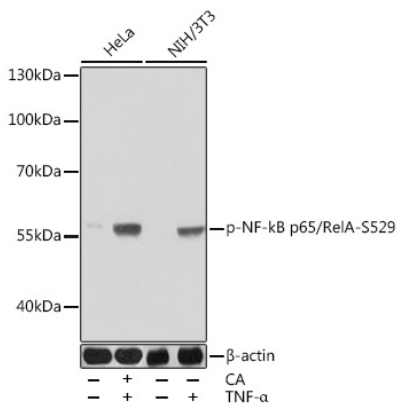
Affinity purification

### Storage

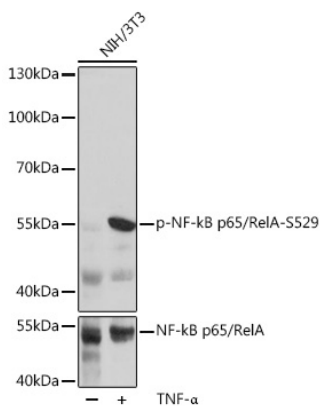
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Phospho-NF-kB p65/RelA-S529 antibody (AP0944) at 1:1000 dilution. HeLa cells were treated by both TNF-α(20ng/mL) and Calyculin A (100nM) for 10 minutes. NIH/3T3 cells were treated by TNF-α(20ng/mL) for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-NF-kB p65/RelA-S529 pAb (AP0944) at 1:1000 dilution or NF-kB p65 antibody (A16271). NIH/3T3 cells were treated by TNF-α (20 ng/mL) at 37°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.