# Phospho-NFKB1-S907 Rabbit pAb

Catalog No.: AP0416



## **Basic Information**

### **Observed MW**

118kDa

#### **Calculated MW**

105kDa

#### Category

Primary antibody

### **Applications**

WB

#### **Cross-Reactivity**

Human

## **Background**

This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra-and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. NFKB is a critical regulator of the immediate-early response to viral infection. Alternative splicing results in multiple transcript variants encoding different isoforms, at least one of which is proteolytically processed.

## **Recommended Dilutions**

**WB** 

1:500 - 1:2000

## Immunogen Information

Gene ID 4790 **Swiss Prot** 

P19838

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

KBF1; EBP-1; NF-kB; CVID12; NF-kB1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B1; NF-kappabeta; Phospho-NFKB1-S907

## Contact

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## **Product Information**

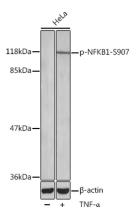
SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## **Validation Data**



Western blot analysis of lysates from HeLa cells, using Phospho-NFKB1-S907 Rabbit pAb (AP0416). Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (ASO14) at 1:10000 dilution. Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.