

# Phospho-IKK $\alpha$ -S180 Rabbit pAb

Catalog No.: AP0506

## Basic Information

### Observed MW

100kDa

### Calculated MW

85kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

1147

### Swiss Prot

O15111

### Immunogen

A synthetic phosphorylated peptide around S180 of human IKK $\alpha$  (NP\_001269.3).

### Synonyms

BPS2; IKK1; IKKA; IKBKA; TCF16; NFKBIKA; IKK-alpha; Phospho-IKK $\alpha$ -S180

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

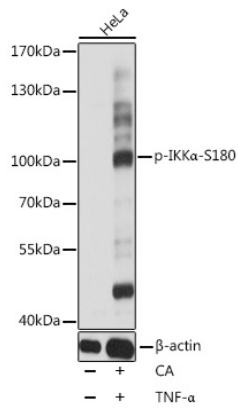
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from HeLa cells, using Phospho-IKKα-S180 Rabbit pAb (AP0506) at 1:1000 dilution. HeLa cells were treated by both TNF-α(20ng/mL) and Calyculin A (100nM) for 10 minutes. Secondary antibody: HRP-conjugated 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: 5s.