

# Phospho-IKK $\gamma$ -S376 Rabbit pAb

Catalog No.: AP1111 **2 Publications**

## Basic Information

### Observed MW

65kDa

### Calculated MW

48kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome.

## Recommended Dilutions

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

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

8517

### Swiss Prot

Q9Y6K9

### Immunogen

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

### Synonyms

IP; IP1; IP2; FIP3; IKKG; IPD2; NEMO; FIP-3; Fip3p; IMD33; SAIDX; AMCBX1; EDAID1; IKKAP1; ZC2HC9; IKK-gamma; Phospho-IKK $\gamma$ -S376

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

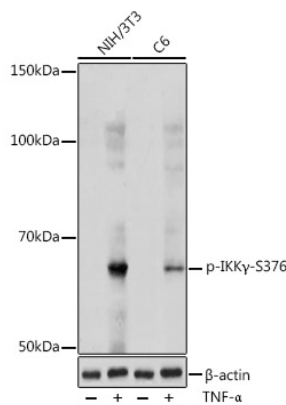
Affinity purification

### Storage

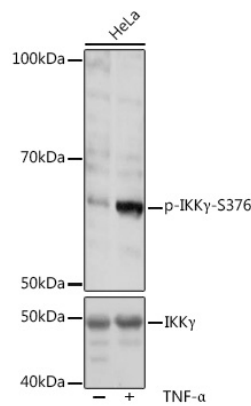
Store at -20°C. Avoid freeze / thaw cycles.

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

# Validation Data



Western blot analysis of various lysates using Phospho-IKKγ-S376 Rabbit pAb (AP1111) at 1:1000 dilution. NIH/3T3 and C6 cells were treated with TNF-α (20 ng/mL) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP-conjugated 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.



Western blot analysis of lysates from HeLa cells, using Phospho-IKKγ-S376 Rabbit pAb (A0917). HeLa cells were treated with TNF-α (20 ng/mL) at 37°C for 30 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: 60s.