

# [KO Validated] IKK $\gamma$ Rabbit pAb

Catalog No.: A12536 **KO** **Validated** **2 Publications**

## Basic Information

### Observed MW

48kDa

### Calculated MW

48kDa

### Category

Primary antibody

### Applications

ELISA, WB, IP

### Cross-Reactivity

Human, Mouse

## 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

**IP** 0.5 $\mu$ g-4 $\mu$ g antibody for  
200 $\mu$ g-400 $\mu$ g extracts of  
whole cells

## Immunogen Information

### Gene ID

8517

### Swiss Prot

Q9Y6K9

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-419 of human IKK $\gamma$  (NP\_003630.1).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

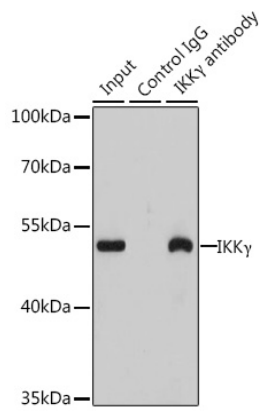
Affinity purification

### Storage

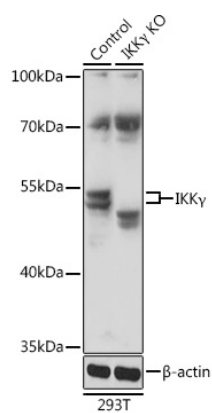
Store at -20°C. Avoid freeze / thaw cycles.

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

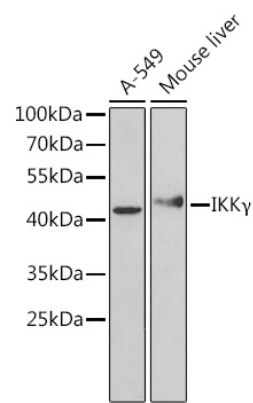
Validation Data



Immunoprecipitation analysis of 200 µg extracts of A549 cells using 3 µg IKKγ antibody (A12536). Western blot was performed from the immunoprecipitate using IKKγ antibody (A12536) at a dilution of 1:1000.



Western blot analysis of lysates from wild type (WT) and IKKγ knockout (KO) 293T cells, using [KO Validated] IKKγ Rabbit pAb (A12536) at 1:1000 dilution. Secondary antibody: HRP 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: 5s.



Western blot analysis of various lysates using [KO Validated] IKKγ Rabbit pAb (A12536) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.