

# [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**

WB,IP,ELISA

**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**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**

Recombinant protein (or fragment). 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; Ky

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

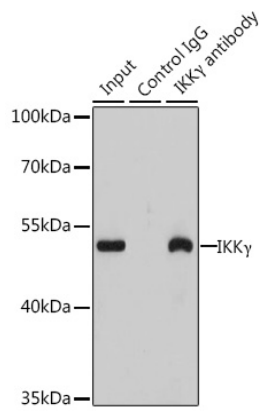
Affinity purification

**Storage**

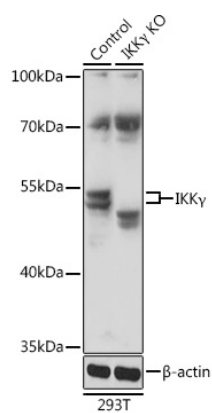
Store at -20°C. Avoid freeze / thaw cycles.

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

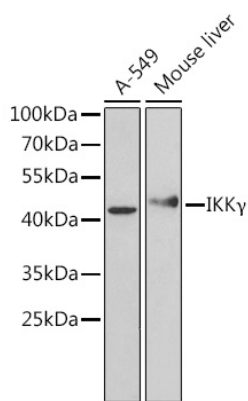
Validation Data



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-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: 5s.



Western blot analysis of various lysates using [KO Validated] IKKγ Rabbit pAb (A12536) at 1:1000 dilution. 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.