# [KO Validated] IKKy Rabbit pAb

Catalog No.: A12536 KO Validated 2 Publications



### **Basic Information**

### **Observed MW**

48 kDa

### **Calculated MW**

48 kDa/56 kDa/37 kDa

### 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 0.5μg-4μg antibody for 200μg-400μg extracts of

whole cells

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID**Swiss Prot
8517
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;  $K\gamma$ 

### **Contact**

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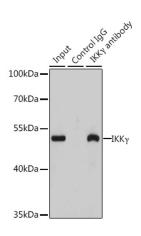
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

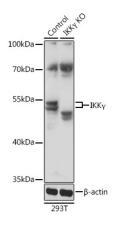
#### Storage

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.



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



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

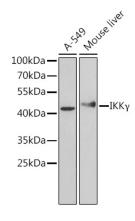
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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] IKKy 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.