IKKγ Rabbit pAb

Catalog NO.: A12536 KO Validated 2 Publications

Basic Information

Observed MW
48 kDa

Calculated MW
48 kDa/56 kDa/37 kDa

Category
Polyclonal Antibodies

Applications
WB, IP, ELISA

Cross-Reactivity
Human, Mouse

Conjugation
Unconjugated

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
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; Kγ

Contact

Product Information

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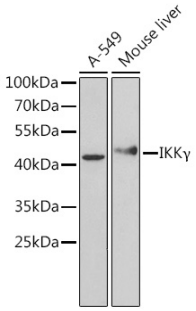
Source
Rabbit

Isotype
IgG

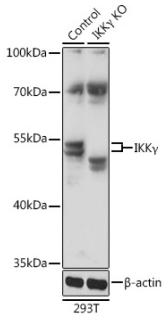
Purification
Affinity purification

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.

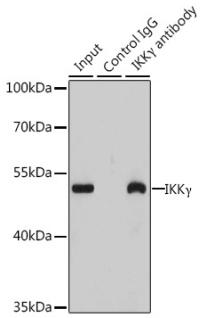
Validation Data



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.



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.



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.