# IKKβ Rabbit pAb

Catalog No.: A2087 15 Publications



# **Basic Information**

#### **Observed MW**

87 kDa

### **Calculated MW**

29-87 kDa

### Category

Primary antibody

### **Applications**

WB,IF/ICC,ELISA

### **Cross-Reactivity**

Human, Mouse

# **Background**

The protein encoded by this gene phosphorylates the inhibitor in the inhibitor/NF-kappa-B complex, causing dissociation of the inhibitor and activation of NF-kappa-B. The encoded protein itself is found in a complex of proteins. Several transcript variants, some protein-coding and some not, have been found for this gene.

# **Recommended Dilutions**

**WB** 1:5000 - 1:25000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot** 3551 014920

### **Immunogen**

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

### **Synonyms**

IKK2; IKKB; IMD15; IMD15A; IMD15B; NFKBIKB; IKK-beta; IKKβ

# **Contact**

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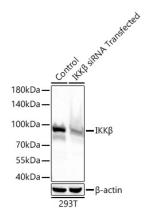
# **Product Information**

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.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with IKK $\beta$  siRNA using IKK $\beta$  Rabbit pAb (A2087) at 1:5000 dilution incubated overnight at 4°C.

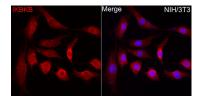
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 20 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020)

.Exposure time: 10 s.



Immunofluorescence analysis of NIH/3T3 cells using IKK $\beta$  Rabbit pAb (A2087) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.