A2087SP

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

IKKβ Rabbit pAb

Catalog No.: A2087SP 16 Publications

Basic Information

Observed MW
87 kDa

Calculated MW
29-87 kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,IP,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 - 1:20000
IP	0.5 μg - 4 μg antibody for 200 μg - 400 μg extracts of whole cells
IF/ICC	1:200 - 1:400
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000) , a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
3551

Swiss Prot
O14920

Immunogen
This information is considered to be commercially sensitive.

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

Product Information

Source
Rabbit

Isotype
IgG

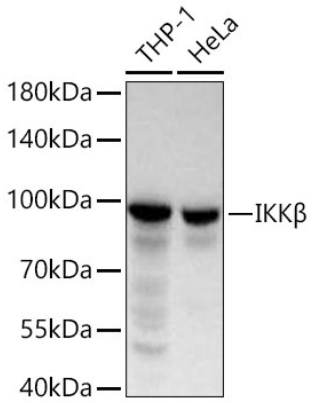
Purification
Affinity purification

Storage
Store at -20℃

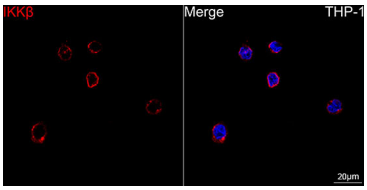
Contact

www.abclonal.com

Validation Data



Western blot analysis of various lysates using IKKβ Rabbit pAb (A2087SP) at 1:14000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5 s.



Confocal imaging of THP-1 cells using IKKβ Rabbit pAb (A2087SP, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.