

Anti-IKK gamma IKBKG Antibody

Catalog Number: A00874-2

About IKBKG

Nuclear factor kappa B (NF-kappaB) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF-kappaB mediates the expression of a great variety of genes in response to extracellular stimuli. NF-kappaB is associated with I kappaB proteins in the cell cytoplasm, which inhibit NF-kappaB activity. The I kappaB kinase (IKKalpha and IKKbeta) phosphorylates I kappaB and mediates NF-kappaB activation. A novel molecule in the IKK complex was recently identified and termed IKKgamma/NEMO/FIP3/IKKAP1. IKKgamma interacts with IKKbeta and is required for the activation of IKK complex and NF-kappaB by LPS, PMA, TNF, and IL-1 stimulation. FIP3 was also shown to bind to RIP and NIK and to mediate TNF-induced NF-kappaB activation.

Overview

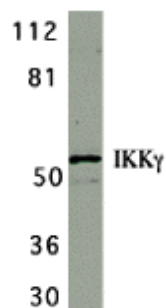
Product Name	Anti-IKK gamma IKBKG Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-IKK gamma IKBKG Antibody (Catalog # A00874-2). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	IKK gamma Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	IKK gamma antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9Y6K9

Technical Details

Immunogen	IKK gamma antibody was raised against a 17 amino acid peptide near the carboxy terminus of human IKK gamma. The immunogen is located within the last 50 amino acids of IKK gamma.
Predicted Reactive Species	Bovine
Cross Reactivity	IKK gamma has no cross response to IKK alpha or IKK beta.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	IKK gamma Antibody is DEAE purified.
Suggested Dilutions	IKK gamma antibody can be used for detection of IKK gamma by Western blot at 1 ug/mL. A 52 kDa band should be detected. Antibody can also be used for immunocytochemistry starting at 5 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

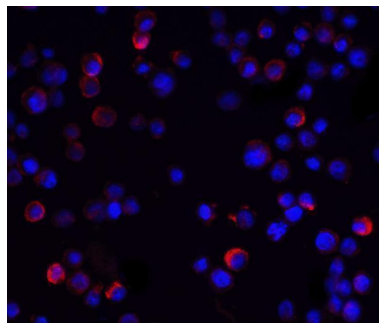
Anti-IKK gamma IKBKG Antibody (A00874-2) Images



Western blot analysis of IKK gamma in HeLa whole cell lysate with IKK gamma antibody at 1 ug/mL.



Immunocytochemistry of IKK gamma in HeLa cells with IKK gamma antibody at 5 ug/mL.



Immunofluorescence of IKK gamma in HeLa cells with IKK gamma antibody at 20 ug/mL. Red: IKK gamma Antibody (A00874-2) Blue: DAPI staining

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Anti-IKK gamma IKBKG Antibody

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