

Datasheet for ABIN6990352 **anti-IKBKG antibody (C-Term)**



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	IKBKG
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product 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.
Isotype:	IgG
Specificity:	IKK gamma has no cross response to IKK alpha or IKK beta.
Purification:	IKK gamma Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IKBKG
Alternative Name:	IKK gamma (IKBKG Products)
Background:	IKK gamma Antibody: Nuclear factor kappa B (NF- κ B) is a ubiquitous transcription factor and

Target Details

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

Molecular Weight: 52 kDa

Gene ID: 8517

UniProt: [Q9Y6K9](#)

Pathways: [NF-kappaB Signaling](#), [RTK Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [M Phase](#), [Production of Molecular Mediator of Immune Response](#), [Hepatitis C](#), [Protein targeting to Nucleus](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#), [Ubiquitin Proteasome Pathway](#), [S100 Proteins](#)

Application Details

Application Notes: IKK gamma antibody can be used for detection of IKK gamma by Western blot at 1 μ g/mL. A 52 kDa band should be detected. Antibody can also be used for immunocytochemistry starting at 5 μ g/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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: IKK gamma Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, 4 °C

Storage Comment: IKK gamma antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.