

Rabbit IKK gamma Polyclonal Antibody | anti-IKBKG antibody

IKK gamma Antibody

CATALOG # AAA39228	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

IKK gamma; Polyclonal Antibody; IKK gamma Antibody; IP; IP1; IP2; FIP3; IPD2; NEMO; FIP-3; Fip3p; AMCBX1; ZC2HC9; IKK-gamma; NF-kappa-B essential modulator; inhibitor of kappa light polypeptide gene enhancer in B-cells; kinase gamma; anti-IKBKG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IKK gamma has no cross response to IKK alpha or IKK beta.
Purity/Purification	IKK gamma Antibody is DEAE purified.
Form/Format	Liquid
Sequence Length	1994
Applicable Applications for anti-IKBKG antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IKK gamma antibody was raised against a 17 amino acid peptide near the carboxy terminus of human IKK gamma.
Buffer	IKK gamma Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IKK gamma antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



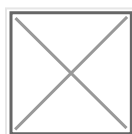
IF (Immunofluorescence)

Immunofluorescence of IKK gamma in HeLa cells with IKK gamma antibody at 20 μg/mL. Red: IKK gamma Antibody (2335) Blue: DAPI staining



ICC (Immunocytochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-IKBKG antibody	IKK gamma Antibody: Nuclear factor kappa B (NF-?B) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF-?B mediates the expression of a great variety of genes in response to extracellular stimuli. NF-?B is associated with I?B proteins in the cell cytoplasm, which inhibit NF-?B activity. The I?B kinase (IKK? and IKK?) phosphorylates I?B and mediates NF-?B activation. A novel molecule in the IKK complex was recently identified and termed IKK?/NEMO/FIP3/IKKAP1. IKK? interacts with IKK? and is required for the activation of IKK complex and NF-?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-?B activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3641279
NCBI GeneID	8517
UniProt Accession #	Q9Y6K9; Q7LBY6; Q7Z7F1
Molecular Weight	52 kDa
NCBI Official Full Name	Homo sapiens I?B kinase gamma subunit (IKK-gamma) mRNA, complete cds
NCBI Official Synonym Full Names	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
NCBI Official Symbol	IKBKG
NCBI Official Synonym Symbols	IP; IP1; IP2; FIP3; IPD2; NEMO; FIP-3; Fip3p; IMD33; AMCBX1; ZC2HC9; IKK-gamma
NCBI Protein Information	NF-kappa-B essential modulator; IKKG; IKKAP1; incontinentia pigmenti; I?B kinase gamma subunit; I?B kinase subunit gamma; NFkappaB essential modulator; NF-kappa-B essential modifier; I-kappa-B kinase subunit gamma; I?B kinase-associated protein 1; inhibitor of nuclear factor kappa-B kinase subunit gamma
UniProt Protein Name	NF-kappa-B essential modulator
UniProt Gene Name	IKBKG
UniProt Synonym Gene Names	FIP3; NEMO; NEMO; IKKAP1; I-kappa-B kinase subunit gamma; IKK-gamma; IKKG; I?B kinase subunit gamma
UniProt Entry Name	NEMO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.