

Rabbit anti-Human, Mouse IKK-gamma Polyclonal Antibody | anti-IKK-gamma antibody

IKK-gamma (Phospho-Ser85) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306559	Rabbit	Human, Mouse	Western Blot

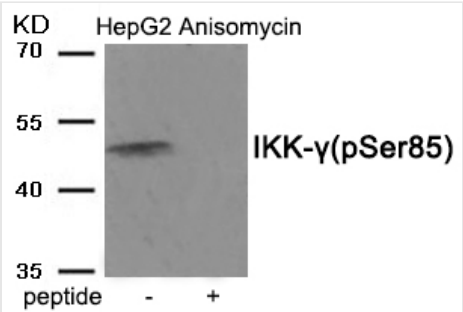
PRODUCT SYNONYMS

IKK-gamma; Polyclonal Antibody; IKK-gamma (Phospho-Ser85) Antibody; IKK-g (Phospho-Ser85) Antibody; FIP-3; FIP3; I-kappa-B kinase gamma; IKKAP1; anti-IKK-gamma antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of IKK-y only when phosphorylated at serine 85.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50%glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	487
Applicable Applications for anti-IKK-gamma antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 85 (Q-A-S(p)-Q-R) derived from Human IKK-gamma.
Conjugates	Unconjugated
Modification	Phospho
Target Name	IKK-y
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells treated with Anisomycin using Phospho-IKK-gamma (Ser85) antibody (AAA306559). The lane on the right is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IKK-gamma antibody	Regulatory subunit of the IKK core complex which phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Its binding to scaffolding polyubiquitin seems to play a role in IKK activation by multiple signaling receptor pathways. However, the specific type of polyubiquitin recognized upon cell stimulation (either 'Lys-63'-linked or linear polyubiquitin) and its functional importance is reported conflictingly. Also considered to be a mediator for TAX activation of NF-kappa-B. Could be implicated in NF-kappa-B-mediated protection from cytokine toxicity. Essential for viral activation of IRF3. Involved in TLR3- and IFIH1-mediated antiviral innate response; this function requires 'Lys-27'-linked polyubiquitination. Niu J, Shi Y, Iwai K, Wu ZH (2011) EMBO J 30, 3741-53. Wu ZH, et al. (2010) Mol Cell 40, 75-86. Palkowitsch L, Leidner J, Ghosh S, Marienfeld RB (2008) J Biol Chem 283, 76-86.
Product Categories/Family for anti-IKK-gamma antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	223671870
NCBI GeneID	8517
NCBI Accession #	NP_001093326.2
NCBI GenBank Nucleotide #	NM_001099856.3
UniProt Accession #	Q9Y6K9; Q7LBY6; Q7Z7F1
Molecular Weight	48 kd
NCBI Official Full Name	NF-kappa-B essential modulator isoform b
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
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; Ikb 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikk-gamma-antibody-western-blot-elisa/306559>