

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

IKK-gamma (Ab-85) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304435	Rabbit	Human	Immunofluorescence, Western Blot

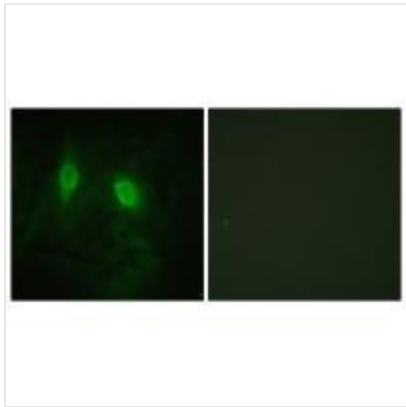
PRODUCT SYNONYMS

IKK-gamma; Polyclonal Antibody; IKK-gamma (Ab-85) Antibody; IKK-g (Ab-85) Antibody; FIP-3; FIP3; I-kappa-B kinase gamma; IKBKG; anti-IKK-gamma antibody

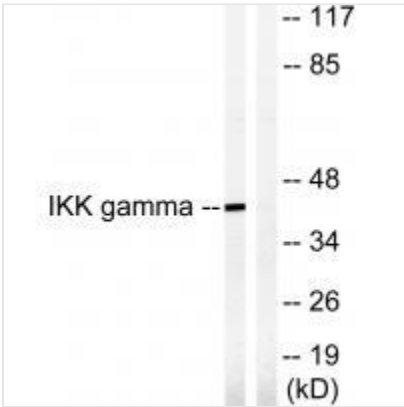
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total IKK-g protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	487
Applicable Applications for anti-IKK-gamma antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human IKK-g around the phosphorylation site of serine 85 (Q-A-S(p)-Q-R).
Target Name	IKK-g
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using IKK-g (Ab-85) antibody.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, treated with Anisomycin (0.5uM, 5hours), using IKK-g (Ab-85) antibody.

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.Li Y., Proc. Natl. Acad. Sci. U.S.A. 96:1042-1047(1999).Jin D.-Y., J. Biomed. Sci. 6:115-120(1999).Rothwarf D.M., Nature 395:297-300(1998).
Product Categories/Family for anti-IKK-gamma antibody	Total protein 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	36,953 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikk-gamma-antibody-immunofluorescence-western-blot-elisa/304435>