IKBKG (Ab-85) Antibody

PACO23045

Product Information

Size:

100ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:3000, IF:1:100-1:500

Protein Background:

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.

Gene ID:

IKBKG

Uniprot

Q9Y6K9

Synonyms:

FIP-3; FIP3; I-kappa-B kinase gamma; IKBKG; IKK-gamma

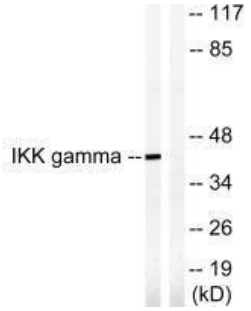
Immunogen:

Synthesized non-phosphopeptide derived from human IKK- gamma around the phosphorylation site of serine 85 (Q-A-S(p)-Q-R).

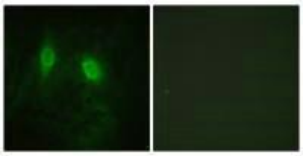
Storage:

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



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



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