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(818)-707-0392 (Fax)
order@abiocode.com
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IKBKG (C) Antibody, Rabbit Polyclonal

Cat#: R1337-2

Quantity: 100 ul

Predicted | Observed M.W.: 48 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9Y6K9

Background:

I-kappa-B kinase subunit gamma (IKBKG) is a 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. IKBKG is also considered to be a mediator for TAX activation of NF-kappa-B. IKBKG is implicated in NF-kappa-B-mediated protection from cytokine toxicity. IKBKG is also essential for viral activation of IRF3. IKBKG is involved in TLR3- and IFIH1-mediated antiviral innate response; this function requires 'Lys-27'-linked polyubiquitination.

Other Names:

NF-kappa-B essential modulator, NEMO, FIP-3, Ikb kinase-associated protein 1, IKKAP1, Inhibitor of nuclear factor kappa-B kinase subunit gamma, I-kappa-B kinase subunit gamma, IKK-gamma, IKKG, Ikb kinase subunit gamma, NF-kappa-B essential modifier, FIP3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human IKBKG. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

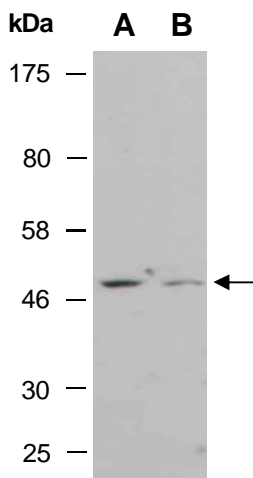


Fig 1. Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-IKBKG (C) (R1337-2) at RT for 2 h.