



Catalog: OM281802

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IKK- γ (phospho Ser85) Antibody

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☐ 100ug

Product profile

Product name	IKK- γ (phospho Ser85) Antibody
Antibody Type	Primary Antibodies
Product description	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.1) 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.
Immunogen	IKK- γ (phospho Ser85) antibody was raised against a peptide sequence around phosphorylation site of serine 85 (Q-A-S (p)-Q-R) derived from Human IKK-gamma.

Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB
Species Reactivity	Human
Concentration	1 mg/ml
Purification	Affinity purified

Target Information

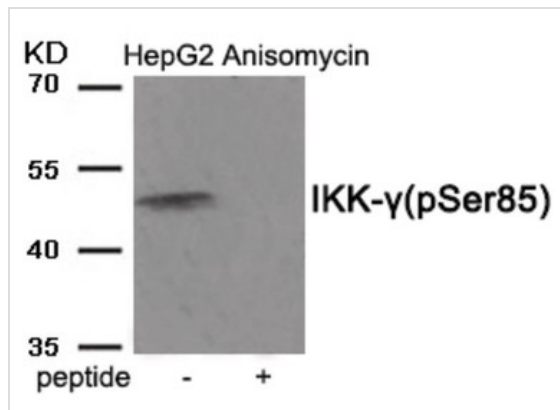
Gene Symbol	IKBKG
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Alternative Names	FIP-3, FIP3, I-kappa-B kinase gamma, IKK-gamma, IKKAP1
Molecular Weight(MW)	48 kDa
Tissue Specificity	The antibody detects endogenous level of IKK-γ only when phosphorylated at serine 85.

Database Links

Entrez Gene	8517
Protein Accession	NP_001093326.2

Application



Application

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

Application Notes	Western Blot: 1:500~1:1000:
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Additional Information

Form	Liquid
Storage Instructions	Store antibody at -20°C for up to one year.
Storage Buffer	Antibody supplied in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Note	The product is for research use only, not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt