

产品名称: IKK gamma (2B3) Rabbit Monoclonal Antibody
产品货号: AMRe12475



产品概述 (Summary)

产品名称 (Production Name)	IKK gamma (2B3) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	IKBKG
别名 (Alternative Names)	AMCBX1; FIP3; Fip3p; Ikbkg; IKK-gamma; IKKAP1; IKKG; IMD33; IP1; IP2; IPD2; NEMO; NF kappa B essential modifier;
基因 ID (Gene ID)	8517.0
蛋白 ID (SwissProt ID)	Q9Y6K9.Recombinant protein of human IKK gamma

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:20-1:100,ICC/IF 1:20-1:50,FC 1:20-1:50,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	48kDa

研究背景 (Background)

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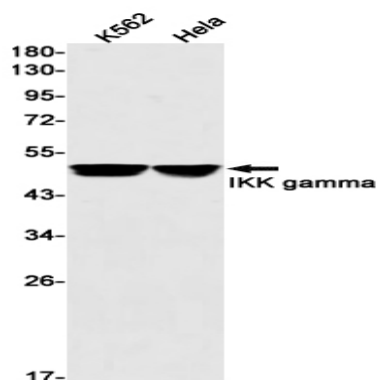
The NF- κ B/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory I κ B proteins. Most agents that activate NF- κ B do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of I κ B. Regulatory subunit of the IKK core complex which phosphorylates inhibitors of NF- κ B thus leading to the dissociation of the inhibitor/NF- κ B complex and ultimately the degradation of the inhibitor (PubMed: 9751060, PubMed: 14695475, PubMed: 20724660). Its binding to scaffolding polyubiquitin plays a key role in IKK activation by multiple signaling receptor pathways (PubMed: 16547522, PubMed: 18287044, PubMed: 19033441, PubMed: 21606507, PubMed: 27777308, PubMed: 19185524, PubMed: 33567255). Can recognize and bind both 'Lys-63'-linked and linear polyubiquitin upon cell stimulation, with a much higher affinity for linear polyubiquitin (PubMed: 16547522, PubMed: 18287044, PubMed: 27777308, PubMed: 19033441, PubMed: 21606507, PubMed: 19185524). Could be implicated in NF- κ B-mediated protection from cytokine toxicity. Essential for viral activation of IRF3 (PubMed: 19854139). Involved in TLR3- and IFIH1-mediated antiviral innate response; this function requires 'Lys-27'-linked polyubiquitination (PubMed: 20724660).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)

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Western blot detection of IKK gamma in K562, HeLa cell lysates using IKK gamma antibody (1:1000 diluted).

注意事项 (Note)

For research use only .