

Datasheet for ABIN6700324 **NFKBIA Protein (GST tag)**



Go to Product page

Overview

010111011	
Quantity:	20 µg
Target:	NFKBIA
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFKBIA protein is labelled with GST tag.
Application:	Western Blotting (WB)
Product Details	
Purpose:	I kappaB alpha recombinant protein-GST fusion protein
Purification:	Recombinant human IkB-alpha (1-175) was expressed in E. coli cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >90% by densitometry.
Purity:	>90%
Target Details	
Target:	NFKBIA
Alternative Name:	NFKBIA (NFKBIA Products)

Background:	Synonyms: IKBA, NFKBIA, MAD-3, NFKBI, NF-kappa-B inhibitor alpha, I-kappa-B-alpha, IkB-alpha,
	IkappaBalpha, Major histocompatibility complex enhancer-binding protein MAD3
	Background: IkB-alpha is an inhibitor of the NFkB complex and inactivates the NFkB by trapping

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it in the cytoplasm (1). Phosphorylation of serine residues on the lkB prod (IKKs) marks it for destruction via the ubiquitination pathway, thereby all the NFkB complex. Synthetic glucocorticoid such as dexamethasone dis effects by inducing the increased synthesis of the lkB protein thereby int the NFkB complex. Overexpression of the lkB-alpha gene in fibroblasts k production of IL-6, TNF receptor, MMP-1, MMP-3 and MMP-13 (2). lkB-a investigators involved in, Signaling Proteins, Transcription Proteins, AKT Apoptosis/Autophagy, Inflammation, and p38 Pathway research. NCBI Accession: NML020529 Pathways: NF-kappaB Signaling, TCR Signaling, TLR Signaling, Fc-epsilon Receptor Activation of Innate immune Response, Cellular Response to Molecule o Maintenance of Protein Location, Hepatitis C, Protein targeting to Nucley Cascades, BCR Signaling Application Details Application_Notes: Western_Blot_Dilution: User Optimized Other: Kinase Assay-User Optimized Application_Notes: For Research Use only Handling E Format: Liquid Concentration: 0.2 µg/µL Buffer: IkB-alpha Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 in 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % gly	
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Pathways: NF-kappaB Signaling, TCR Signaling, TLR Signaling, Fc-epsilon Receptor Activation of Innate immune Response, Cellular Response to Molecule or Maintenance of Protein Location, Hepatitis C, Protein targeting to Nuclei Cascades, BCR Signaling Application Details Application Notes: Western_Blot_Dilution: User Optimized Other: Kinase Assay-User Optimized Application_Notes: Western_Blot_Dilution: User Optimized Application_Notes: For Research User Optimized Applications: For Research Use only Handling Eormat: Concentration: 0.2 µg/µL Buffer: IkB-alpha Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 monther 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol. Storage: Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller q centrifugation and store at recommended temperature. For most favora	/PKB Pathway,
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centrifugation and store at recommended temperature. For most favora	
repeated handling and multiple freeze/thaw cycles.	
Expiry Date: 12 months	

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