

Datasheet for ABIN1532742
anti-IKBKG antibody (AA 51-100)



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2 Images

Overview

Quantity:	100 µL
Target:	IKBKG
Binding Specificity:	AA 51-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human IKK-gamma.
Isotype:	IgG
Specificity:	IKK-gamma Antibody detects endogenous levels of total IKK-gamma protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	IKBKG
Alternative Name:	IKK-gamma (IKBKG Products)
Background:	Synonyms: NEMO, NF-kappa-B essential modifier, Inhibitor of nuclear factor kappa-B kinase

Target Details

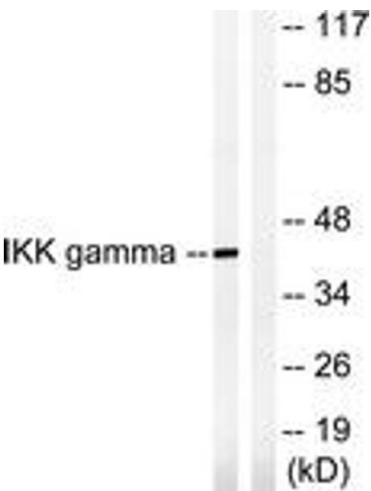
	subunit gamma, Ikb kinase subunit gamma, I-kappa-B kinase gamma, IKK-gamma, IKKG, Ikb kinase-associated protein 1, IKKAP1, FIP-3 NCBI Gene Symbol: IKBKG
Molecular Weight:	48 kDa
Gene ID:	8517
OMIM:	300248
UniProt:	Q9Y6K9
Pathways:	NF-kappaB Signaling , RTK Signaling , TCR Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , M Phase , Production of Molecular Mediator of Immune Response , Hepatitis C , Protein targeting to Nucleus , Toll-Like Receptors Cascades , BCR Signaling , Ubiquitin Proteasome Pathway , S100 Proteins

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.43505 (NCBI Gene Symbol: IKBKG)
Restrictions:	For Research Use only

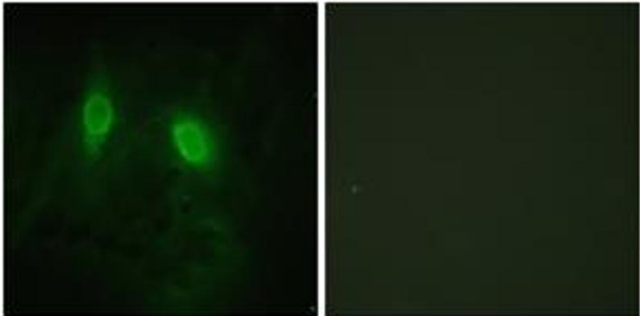
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, treated with Anisomycin 0.5uM 5h, using IKK-gamma (Ab-85) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using IKK-gamma (Ab-85) Antibody. The picture on the right is treated with the synthesized peptide.