

Datasheet for ABIN7180028  
**anti-IKBKG antibody (Ser85)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	IKBKG
Binding Specificity:	Ser85
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Synthesized non-phosphopeptide derived from Human IKK-γ, around the phosphorylation site of serine 85 (Q-A-S(p)-Q-R).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	IKBKG
Alternative Name:	IKBKG ( <a href="#">IKBKG Products</a> )

## Target Details

**Background:** Background: 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.

Li Y., Proc. Natl. Acad. Sci. U.S.A. 96:1042-1047(1999).

Jin D.-Y., J. Biomed. Sci. 6:115-120(1999).

Rothwarf D.M., Nature 395:297-300(1998).

**Aliases:** Ikb kinase associated protein 1 antibody, Ikb kinase subunit gamma antibody, Inhibitor of nuclear factor kappa B kinase subunit gamma antibody, AMCBX1 antibody, FIP 3 antibody, FIP-3 antibody, FIP3 antibody, Fip3p antibody, I kappa B kinase gamma antibody, I-kappa-B kinase subunit gamma antibody, Ikb kinase gamma subunit antibody, Ikb kinase subunit gamma antibody, Ikb kinase-associated protein 1 antibody, Ikbkg antibody, IKK gamma antibody, IKK-gamma antibody, IKKAP1 antibody, IKKG antibody, IMD33 antibody, Incontinentia pigmenti antibody, Inhibitor of kappa light polypeptide gene enhancer in B cells, kinase gamma antibody, Inhibitor of kappa light polypeptide gene enhancer in B cells, kinase of, gamma antibody, Inhibitor of nuclear factor kappa-B kinase subunit gamma antibody, IP antibody, IP1 antibody, IP2 antibody, IPD2 antibody, NEMO antibody, NEMO\_HUMAN antibody, NF kappa B essential modifier antibody, NF kappa B essential modulator antibody, NF-kappa-B essential modifier antibody, NF-kappa-B essential modulator antibody, ZC2HC9 antibody

**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

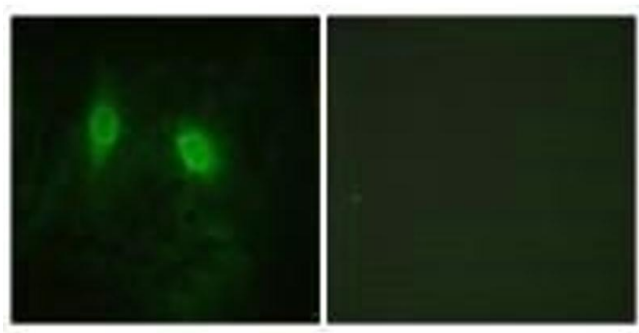
**Application Notes:** WB:1:500-1:3000, IF:1:100-1:500,

**Restrictions:** For Research Use only

## Handling

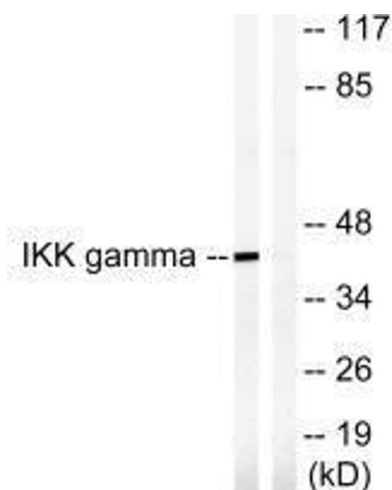
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells, using IKK-γ (Ab-85) antibody.



### Western Blotting

**Image 2.** Western blot analysis of extracts from HepG2 cells, treated with Anisomycin (0.5uM, 5hours), using IKK-γ (Ab-85) antibody.