

Datasheet for ABIN801408  
**anti-IKBKG antibody (pSer43)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	IKBKG
Binding Specificity:	pSer43
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human IKBKG around the phosphorylation site of Ser43
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	IKBKG
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## Target Details

Alternative Name: IKK gamma ([IKBKG Products](#))

Background: Synonyms: IκB kinase associated protein 1, IκB kinase subunit gamma, Inhibitor of nuclear factor kappa B kinase subunit gamma, AMCBX1, FIP 3, FIP3, Fip3p, I kappa B kinase gamma, IκB kinase associated protein 1, IκB kinase gamma subunit, IκB kinase subunit gamma, IKBKG, IKKAP 1, IKKAP1, IKKG, IKKgamma, IKK gamma.

Background: Pro inflammatory cytokines activate the transcription factor NF kappa B by stimulating the activity of a protein kinase that phosphorylates Iκappa B, an inhibitor of NF kappa B, at sites that trigger its ubiquitination and degradation. A large, cytokine responsive Iκappa B kinase (IKK) complex has been purified and the genes encoding 2 of its subunits have been cloned. These subunits, IKK alpha and Iκk beta, are protein kinases whose function is needed for NF kappa B activation by pro inflammatory stimuli. IKK is composed of similar amounts of IKK alpha, Iκk beta, which are differentially processed forms of a third subunit, IKK gamma. IKK gamma interacts preferentially with IKK beta and is required for the activation of the IKK complex.

Gene ID: 8517

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: ELISA 1:500-1000  
FCM 1:20-100  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

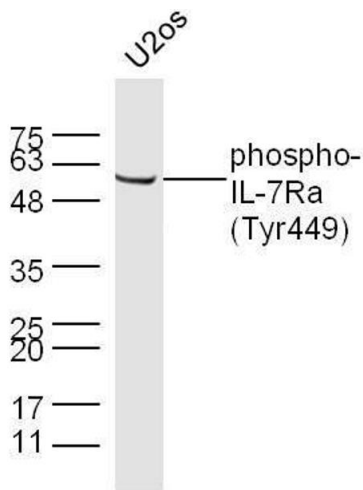
Format: Liquid

Concentration: 1 µg/µL

Handling

Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

**Image 1.** U2OS cell lysates probed with Rabbit Anti-IL-7Ra(Tyr449) Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.