Datasheet for ABIN7267877

anti-IKBKG antibody (pSer376)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	IKBKG
Binding Specificity:	pSer376
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-IKKγ-S376 Rabbit pAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding S376 of human IKKgamma.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	IKBKG
Alternative Name:	IKBKG (IKBKG Products)

Copyright antibodies-online. All rights reserved.

Target Details

Background:	This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome. [provided by RefSeq, Mar 2016],IKBKG, AMCBX1, FIP-3, FIP3, Fip3p, IKK-gamma, IKKAP1, IKKG, IMD33, IP, IP1, IP2, IPD2, NEMO, ZC2HC9, NF-kappa-B essential modulator,Apoptosis,Apoptosis_Inhibition of Apoptosis,B Cell Receptor Signaling Pathway,Cardiovascular,Cell Biology & Developmental Biology,Cell Intrinsic Innate Immunity Signaling Pathway,Death Receptor Signaling Pathway,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,Immunology & Inflammation,Innate Immunity_TLR Signaling,Insulin Receptor Signaling Pathway,Kinase,Kinase_Serine/threonine kinases,NF-kB Signaling Pathway,Signal Transduction,T Cell Receptor Signaling Pathway,Toll-like Receptor Signaling Pathway,IKBKG
Molecular Weight:	36kDa/48kDa/55kDa
Gene ID:	8517
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 - 1:2000
Restrictions:	For Research Use only

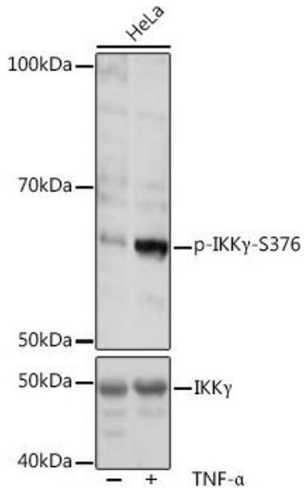
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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

Handling

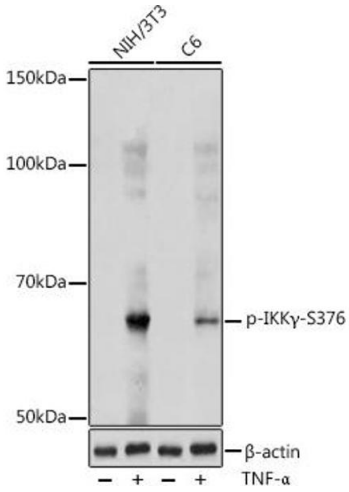
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of HeLa cells, using Phospho-IKKγ-S376 pAb (ABIN7267877) at 1:1000 dilution or IKKγ antibody (ABIN3021150, ABIN3021151, ABIN3021152 and ABIN6214025).HeLa cells were treated by TNF-α (20 ng/mL) at 37 °C for 30 minutes.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % BSA.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Phospho-IKKγ-S376 antibody (ABIN7267877) at 1:1000 dilution.NIH/3T3 and C6 cells were treated by TNF-α (20 ng/mL) at 37 °C for 30 minutes after serum-starvation overnight.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.