

Datasheet for ABIN6987815
anti-IKBKG antibody (AA 301-400) (HRP)



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Overview

Quantity:	100 µL
Target:	IKBKG
Binding Specificity:	AA 301-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IKK gamma
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	IKBKG
Alternative Name:	IKK gamma (IKBKG Products)

Target Details

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, Incontinentia pigmenti, Inhibitor of kappa light polypeptide gene enhancer in B cells kinase gamma, Inhibitor of kappa light polypeptide gene enhancer in B cells, kinase gamma, Inhibitor of nuclear factor kappa B kinase gamma subunit, Inhibitor of nuclear factor kappa B kinase subunit gamma, IP 1, IP 2, IP, IP1, IP2, IPD2, NEMO, NF kappa B essential modifier, NF kappa B essential modulator, NF kappaB essential modifier, NF kappaB essential modulator, NFkappaB essential modulator.

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. 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 (By similarity). Essential for viral activation of IRF3.

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 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months