

Datasheet for ABIN7138585
anti-IKBKG antibody (pSer376)



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1 Image

Overview

Quantity:	100 µL
Target:	IKBKG
Binding Specificity:	pSer376
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine 376(Y-L-S(p)-S-P) derived from Human IKK-γ.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	IKBKG
Alternative Name:	IKBKG (IKBKG Products)

Target Details

Background:	Background: Familial incontinentia pigmenti (IP) is a genodermatosis that segregates as an X-linked dominant disorder and is usually lethal prenatally in males. In affected females it causes highly variable abnormalities of the skin, hair, nails, teeth, eyes, and central nervous system. The prominent skin signs occur in 4 classic cutaneous stages: perinatal inflammatory vesicles, verrucous patches, a distinctive pattern of hyperpigmentation, and dermal scarring. Cells expressing the mutated X chromosome are eliminated selectively around the time of birth, so females with IP exhibit extremely skewed X-inactivation. 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: IκB kinase associated protein 1 antibody, IκB 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, IκB kinase gamma subunit antibody, IκB kinase subunit gamma antibody, IκB kinase-associated protein 1 antibody, Iκbkg 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
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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:	IHC:1:50-1:100,
Restrictions:	For Research Use only

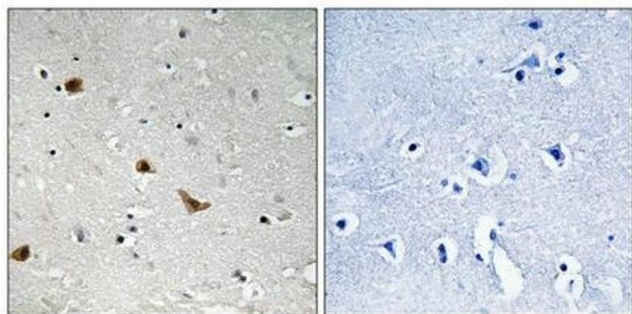
Handling

Format:	Liquid
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Handling

Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human brain tissue using IKK- γ (Phospho-Ser376) antibody (left) or the same antibody preincubated with blocking peptide (right).