

Datasheet for ABIN1531287
anti-IKBKG antibody (pSer31)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	IKBKG
Binding Specificity:	AA 16-65, pSer31
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human IKK-gamma around the phosphorylation site of Ser31.
Isotype:	IgG
Specificity:	IKK-gamma (Phospho-Ser31) Antibody detects endogenous levels of IKK-gamma only when phosphorylated at Ser31. PhosphorylationH:S31
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

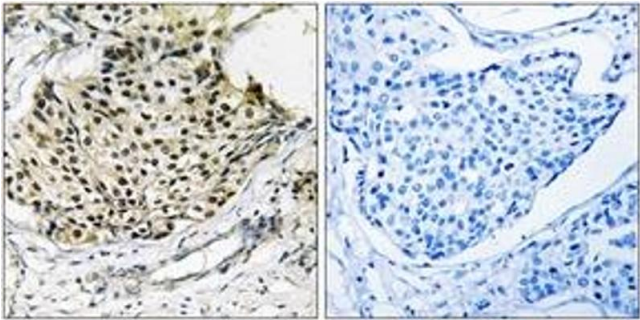
Target:	IKBKG
Alternative Name:	IKK-gamma (IKBKG Products)
Background:	Synonyms: NEMO, NF-kappa-B essential modifier, Inhibitor of nuclear factor kappa-B kinase subunit gamma, IκB kinase subunit gamma, I-kappa-B kinase gamma, IKK-gamma, IKKG, IκB kinase-associated protein 1, IKKAP1, FIP-3 NCBI Gene Symbol: IKBKG
Molecular Weight:	48 kDa
Gene ID:	8517
OMIM:	300248
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: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.43505 (NCBI Gene Symbol: IKBKG)
Restrictions:	For Research Use only

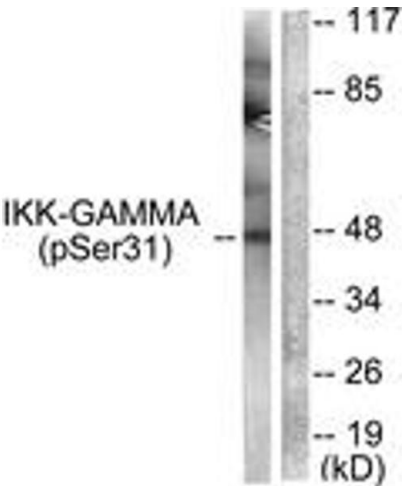
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	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
Storage Comment:	Stable at -20°C for at least 1 year.



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using IKK-gamma (Phospho-Ser31) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from 293 cells treated with TNF-a 20ng/ml 5', using IKK-gamma (Phospho-Ser31) Antibody. The lane on the right is treated with the synthesized peptide.