

Datasheet for ABIN7297394

anti-IKBKG antibody (N-Term, pSer31)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	IKBKG
Binding Specificity:	N-Term, pSer31
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IKK gamma.
Specificity:	Recognizes endogenous levels of IKK gamma (pS31) protein.
Characteristics:	Rabbit polyclonal antibody to IKK gamma (pS31)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	IKBKG
Alternative Name:	IKK gamma (IKBKG Products)
Background:	FIP3, NEMO, NF-kappa-B essential modulator, NEMO, FIP-3, Ikb kinase-associated protein 1,

Target Details

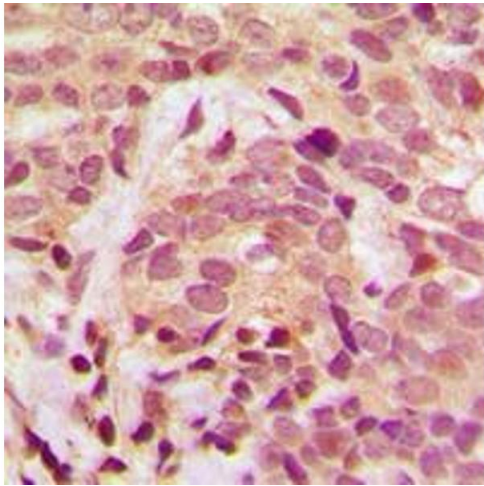
	IKKAP1, Inhibitor of nuclear factor kappa-B kinase subunit gamma, I-kappa-B kinase subunit gamma, IKK-gamma, IKKG, Ikb kinase subunit gamma, NF-kappa-B essential modifier
Gene ID:	8517, 16151, 309295
UniProt:	Q9Y6K9 , O88522 , Q6TMG5
Pathways:	NF-kappaB Signaling , RTK Signaling , TCR Signaling , TLR 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), IH (1:100 - 1:200)
Restrictions:	For Research Use only

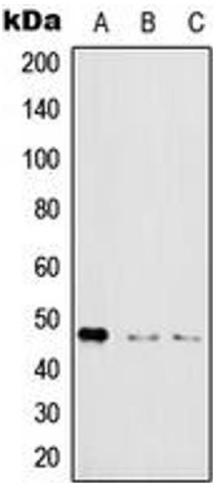
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemical analysis of IKK gamma (pS31) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of IKK gamma (pS31) expression in HeLa LPS-treated (A), Raw264.7 LPS-treated (B), rat brain (C) whole cell lysates.