

Datasheet for ABIN7303932

anti-NFKBIA antibody (N-Term, pTyr42)



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2 Images

Overview

Quantity:	100 µL
Target:	NFKBIA
Binding Specificity:	N-Term, pTyr42
Reactivity:	Human, Mouse, Rat, Cow, Pig, Monkey, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIA 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 IKB alpha (pY42).
Specificity:	Recognizes endogenous levels of IKB alpha (pY42) protein.
Characteristics:	Rabbit polyclonal antibody to IKB alpha (pY42)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	NFKBIA
Alternative Name:	IKB alpha (NFKBIA Products)
Background:	IKBA, MAD3, NFKBI, NF-kappa-B inhibitor alpha, I-kappa-B-alpha, Ikb-alpha, IkappaBalpa, Major

Target Details

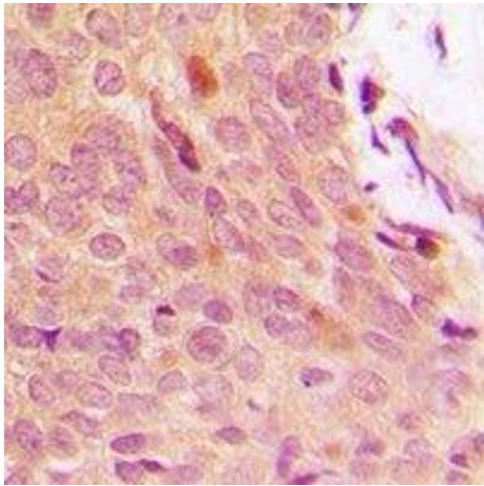
	histocompatibility complex enhancer-binding protein MAD3
Gene ID:	4792, 18035, 25493
UniProt:	P25963 , Q9Z1E3 , Q63746
Pathways:	NF-kappaB Signaling , TCR Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Maintenance of Protein Location , Hepatitis C , Protein targeting to Nucleus , Toll-Like Receptors Cascades , BCR Signaling

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

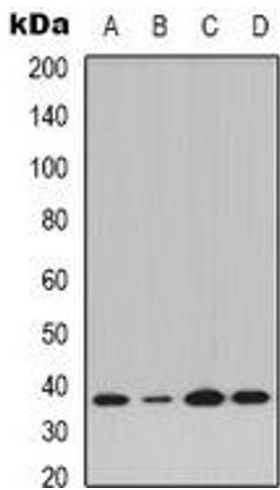
Handling

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 IKB alpha (pY42) 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 i



Western Blotting

Image 2. Western blot analysis of IKB alpha (pY42) expression in K562 (A), Jurkat IL1b-treated (B), Raw264.7 LPS-treated (C), H9C2 LPS-treated (D) whole cell lysates.