

Datasheet for ABIN650851
anti-NFKBIA antibody (pSer32)



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1 Image

Overview

Quantity:	400 µL
Target:	NFKBIA
Binding Specificity:	pSer32
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIA antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This NFKBIA Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Ser32 of human NFKBIA.
Clone:	RB25830
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NFKBIA
Alternative Name:	NFKBIA (NFKBIA Products)
Background:	NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM

Target Details

164014), or RELB (MIM 604758) to form the NFkB complex. The NFkB complex is inhibited by I-kappa-B proteins (NFKBIA or NFKBIB, MIM 604495), which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, MIM 600664, or IKBKB, MIM 603258) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFkB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime.

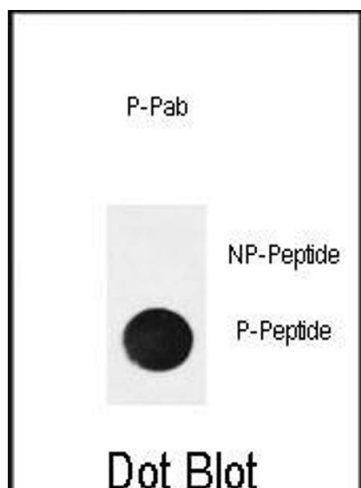
Molecular Weight:	35609
Gene ID:	4792
NCBI Accession:	NP_065390
UniProt:	P25963
Pathways:	NF-kappaB Signaling , TCR Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Maintenance of Protein Location , Hepatitis C , Protein targeting to Nucleus , Toll-Like Receptors Cascades , BCR Signaling

Application Details

Application Notes:	DB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Dot Blot

Image 1. Dot blot analysis of anti-Phospho-NFKBIA (Ser32) Antibody Phospho-specific Pab (ABIN650851 and ABIN2839807) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.