

Datasheet for ABIN6943779

anti-NFKBIA antibody (pSer36) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NFKBIA
Binding Specificity:	pSer36
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIA antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human phospho-IKB alpha (Ser36)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NFKBIA
Alternative Name:	IKB alpha (NFKBIA Products)

Target Details

Background:	Synonyms: IKB alpha (phospho S36), p-IKB alpha (phospho S36), I kappa B alpha, I-kappa-B-alpha, IkappaBalphabet, Ikb-alpha, IKBA, IKBA_HUMAN, IKBalpha, MAD 3, MAD3, Major histocompatibility complex enhancer-binding protein MAD3, NF kappa B inhibitor alpha, NF-kappa-B inhibitor alpha, NFKBI, NFKBIA, Nuclear factor of kappa light chain gene enhancer in B cells, Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha. Background: Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.
Gene ID:	4792
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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months