

Datasheet for ABIN741360

anti-NFKBIA antibody (pSer32, pSer36)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µL
Target:	NFKBIA
Binding Specificity:	pSer32, pSer36
Reactivity:	Human, Mouse, Rat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human IKB alpha around the phosphorylation site of Ser32/36
Isotype:	IgG
Specificity:	These phosphorylation sites are homologous among the species listed.
Cross-Reactivity:	Chicken, Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NFKBIA
Alternative Name:	NFKBIA (NFKBIA Products)
Background:	Synonyms: IKBA, MAD-3, NFKBI, NF-kappa-B inhibitor alpha, I-kappa-B-alpha, IκB-alpha, IκappaBalphα, Major histocompatibility complex enhancer-binding protein MAD3, NFKBIA, MAD3 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 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

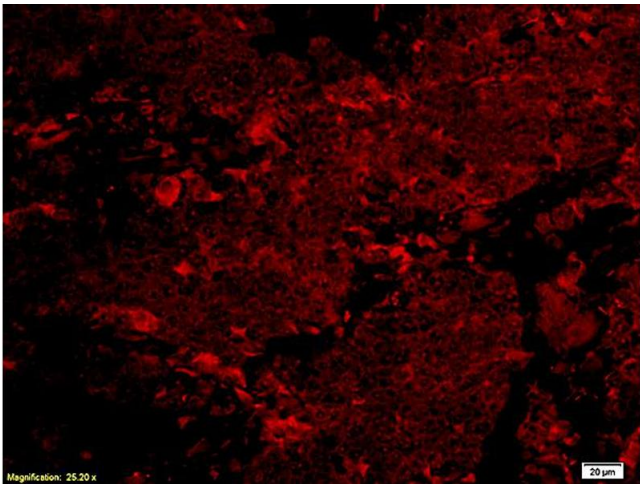
Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Li, Zhao, Wang, Chen, Zhou, Li, Zhang, Zhao, Zhou, Chen: "Silencing of LncRNA steroid receptor RNA activator attenuates polycystic ovary syndrome in mice." in: Biochimie, Vol. 157, pp. 48-56, (2019) (PubMed). Fu, Shi, Song, Xia, Su, Liu, Song, Song: "Tetrachlorobenzoquinone exhibits neurotoxicity by inducing inflammatory responses through ROS-mediated IKK/IkB/NF-κB signaling." in: Environmental toxicology and pharmacology, Vol. 41, pp. 241-50, (2016) (PubMed).
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Images



Immunofluorescence

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-phospho-NFKBIA(Ser32/36) Polyclonal Antibody, PE Conjugated (ABIN741360) at 1:200