

Rabbit anti-Human NFKBIZ Polyclonal Antibody | anti-NFKBIZ antibody

NFKBIZ Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323253	Rabbit	Human	Immunohistochemistry, Western Blot

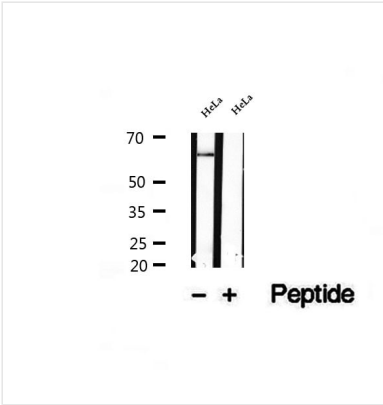
PRODUCT SYNONYMS

NFKBIZ; Polyclonal Antibody; NFKBIZ Antibody; FLJ30225; FLJ34463; I-kappa-B-zeta; Ikappa B zeta; IkappaB zeta; IkappaBzeta; IkB-zeta; IKBZ; IKBZ_HUMAN; IKBzeta; IL-1 inducible nuclear ankyrin-repeat protein; INAP; MAIL; MAIL protein; Molecule possessing ankyrin repeats induced by lipopolysaccharide; NF-kappa-B inhibitor zeta; Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor zeta; anti-NFKBIZ antibody

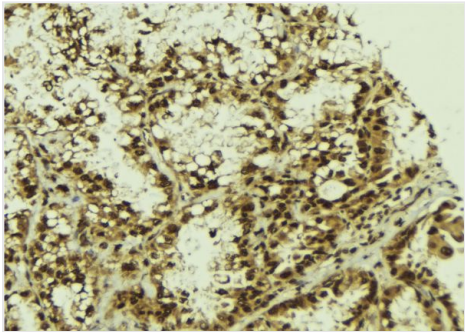
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	NFKBIZ antibody detects endogenous levels of NFKBIZ.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	618
Applicable Applications for anti-NFKBIZ antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NFKBIZ.
Subcellular Location	Nucleus. Aggregated in dot-like structures. Colocalizes with NCOR2.
Tissue Specificity	Expressed at high levels in peripheral blood leukocytes and lung, at moderate levels in liver, placenta, and at low levels in spleen, kidney, skeletal muscle and heart.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit
Similarity	Bovine (83%), Horse (83%), Sheep (83%), Rabbit (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of HeLa cells, using NFKBIZ antibody.



IHC (Immunohistochemistry)
AAA323253 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NFKBIZ antibody	Function: Involved in regulation of NF-kappa-B transcription factor complexes. Inhibits NF-kappa-B activity without affecting its nuclear translocation upon stimulation. Inhibits DNA-binding of RELA and NFKB1/p50, and of the NF-kappa-B p65-p50 heterodimer and the NF-kappa-B p50-p50 homodimer. Seems also to activate NF-kappa-B-mediated transcription. In vitro, upon association with NFKB1/p50 has transcriptional activation activity and, together with NFKB1/p50 and RELA, is recruited to LCN2 promoters. Promotes transcription of LCN2 and DEFB4. Is recruited to IL-6 promoters and activates IL-6 but decreases TNF-alpha production in response to LPS. Seems to be involved in the induction of inflammatory genes activated through TLR/IL-1 receptor signaling. May promote apoptosis (By similarity). Subunit Structure: Interacts with NFKB1/p50. Interacts with RELA.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	53832024
NCBI GeneID	64332
NCBI Accession #	NP_001005474.1
NCBI GenBank Nucleotide #	NM_001005474.2
UniProt Accession #	Q9BYH8; Q8IUL4; Q8NAZ8; B3KNR2; D3DN54
Molecular Weight	Observed: 64 kDa Predicted: 79 kDa
NCBI Official Full Name	NF-kappa-B inhibitor zeta isoform b
NCBI Official Synonym Full Names	NFKB inhibitor zeta
NCBI Official Symbol	NFKBIZ
NCBI Official Synonym Symbols	IKBZ; INAP; MAIL
NCBI Protein Information	NF-kappa-B inhibitor zeta
UniProt Protein Name	NF-kappa-B inhibitor zeta
UniProt Gene Name	NFKBIZ
UniProt Synonym Gene Names	IKBZ; INAP; MAIL; IkB-zeta; IkappaBzeta; INAP; MAIL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

