

Rabbit NFKBIB Polyclonal Antibody | anti-NFKBIB antibody

NFKBIB antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197792	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

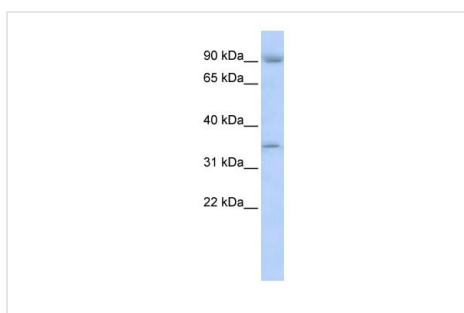
PRODUCT SYNONYMS

NFKBIB; Polyclonal Antibody; NFKBIB antibody - middle region; anti-NFKBIB antibody

PRODUCT SPECIFICATIONS

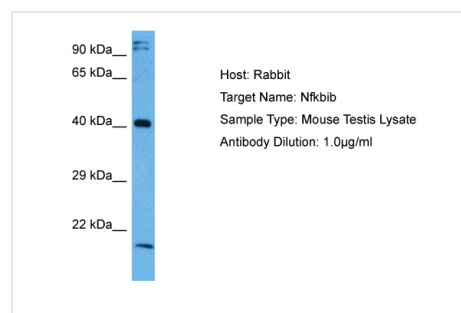
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PI LARLLRAHGA PEPEGEDEKS GPCSSSSDSD SGDEGDEYDD IVVHSSRS
Sequence Length	356
Applicable Applications for anti-NFKBIB antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 91%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NFKBIB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



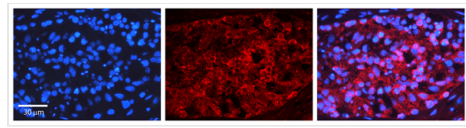
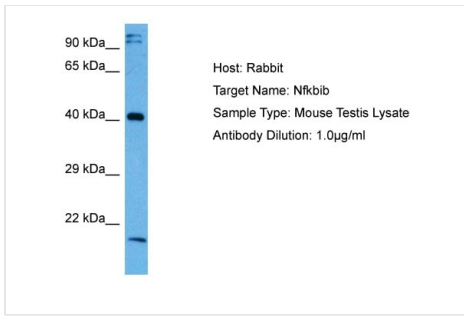
WB (Western Blot)

WB Suggested Anti-NFKBIB Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: 721_B cell lysate
 NFKBIB is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



WB (Western Blot)

Host: Rabbit
 Target Name: NFKBIB
 Sample Tissue: Mouse Testis
 Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-NFKBIB Antibody Formalin Fixed Paraffin Embedded Tissue: Human Testis Tissue
 Observed Staining: Nucleus, Cytoplasm
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: N/A
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

WB (Western Blot)

Host: Mouse
 Target Name: NFKBIB
 Sample Tissue: Mouse Testis
 Antibody Dilution: 1µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-NFKBIB antibody

This is a rabbit polyclonal antibody against NFKBIB. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: Inhibition of NF-kappa-B activity by the hepatitis C virus core protein might be related to its physical interaction with and interrupted nuclear localization of IKKbeta. Increased nuclear factor-kappaB (NF-kB) activity in the amnion during labor is associated with an increase in the expression of NF-kBp65 and of the NF-kB binding proteins Ikbalpha, Ikbeta-1 and Ikbeta-2. IkappaBbeta may be a novel target for transcription factors of the HMG-box SRY/Sox family and imply a potential role for NF-kappaB/IkappaBbeta in spermatogenesis. NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA, MIM 164008, or NFKBIB), 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 GGGRNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime (where H is A, C, or T; R is an A or G purine; and Y is a C or T pyrimidine).[supplied by OMIM].
Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
 PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-766 BM449613.1 1-766 767-1189 BU634404.1 18-440 c 1190-1198 AI684894.1 1-9 c

Product Categories/Family for anti-NFKBIB antibody

Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Chromatin & Nuclear Signaling; Immunology; Signal Transduction; E3 & Ubiquitin; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361135
NCBI GeneID	4793
NCBI Accession #	NP_002494
NCBI GenBank Nucleotide #	NM_002503
UniProt Accession #	Q15653
Molecular Weight	38kDa
NCBI Official Full Name	NF-kappa-B inhibitor beta isoform 1
NCBI Official Synonym Full Names	NFKB inhibitor beta
NCBI Official Symbol	NFKBIB
NCBI Official Synonym Symbols	IKBB; TRIP9
NCBI Protein Information	NF-kappa-B inhibitor beta
UniProt Protein Name	NF-kappa-B inhibitor beta

UniProt Gene Name	NFKBIB
UniProt Synonym Gene Names	IKBB; TRIP9; NF-kappa-BIB; Ikb-B; Ikb-beta; IkappaBbeta; TR-interacting protein 9; TRIP-9
UniProt Entry Name	IKBB_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfkbib-antibody-western-blot-elisa/197792>