

Datasheet for ABIN2775838
anti-NFKBIB antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	NFKBIB
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NFKBIB
Sequence:	DLQNDLGQTA LHLAAILGET STVEKLYAAG AGLCVAERRG HTALHLACRV CA
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Yeast: 91%
Characteristics:	This is a rabbit polyclonal antibody against NFKBIB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	NFKBIB
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Target Details

Alternative Name:	NFKBIB (NFKBIB Products)
Background:	Inhibition of NFkappa-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 IkbA, IkbB-1 and IkbB-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. Alias Symbols: IKBB, TRIP9 Protein Interaction Partner: VPS52, UBC, BAG3, TSPAN1, GIT2, REL, REL, CSNK2A1, CDC25A, BAK1, APP, ZBTB7A, DNAJA3, IKBKB, CHUK, BRAP, IKBKG, TRE17, NFKBIA, NCOR2, PPARG, ESR2, POLR1D, POLR1E, POLR1A, POLR1C, POLR2H, NKIRAS2, POLR1B, NKIRAS1, LRPPRC, RASAL2, MTIF2, BTRC, CUL1, SKP1, Protein Size: 356
Molecular Weight:	38 kDa
Gene ID:	4793
NCBI Accession:	NM_002503 , NP_002494
UniProt:	Q15653
Pathways:	NF-kappaB Signaling , Activation of Innate immune Response , Maintenance of Protein Location , Toll-Like Receptors Cascades

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 356 AA
Restrictions:	For Research Use only

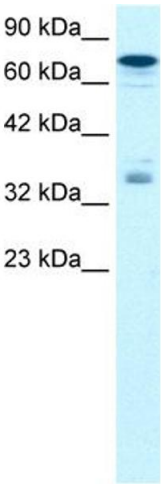
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

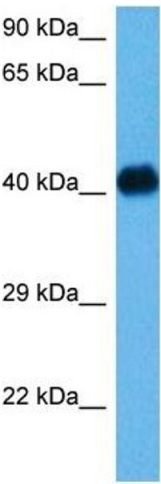
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NFKBIB Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate



Western Blotting

Image 2. Host: Mouse Target Name: NFKBIB Sample Tissue: Mouse Heart Antibody Dilution: 1ug/ml