



Datasheet for ABIN657702  
**anti-NFKBIB antibody (C-Term)**



[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	NFKBIB
Binding Specificity:	AA 326-355, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NFKBIB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-355 amino acids from the C-terminal region of human NFKBIB.
Clone:	RB33912
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NFKBIB
Alternative Name:	NFKBIB ( <a href="#">NFKBIB Products</a> )
Background:	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

## Target Details

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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 GGGRNNYYCC 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).

Molecular Weight:	37771
Gene ID:	4793
NCBI Accession:	<a href="#">NP_001230045</a> , <a href="#">NP_002494</a>
UniProt:	<a href="#">Q15653</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

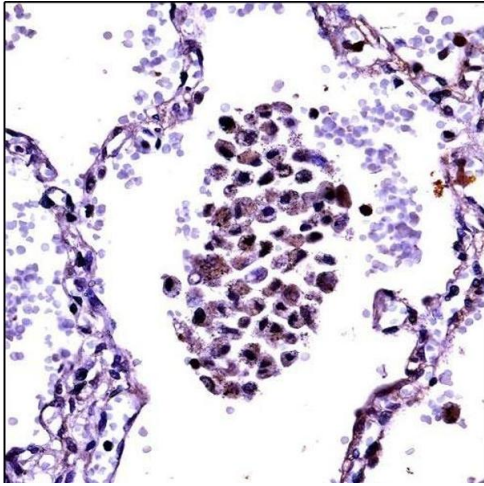
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Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

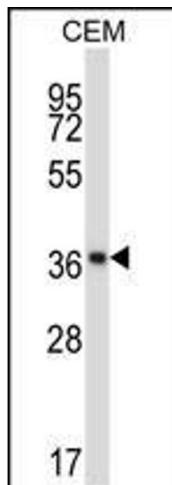
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	NFKBIB Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** NFKBIB Antibody (C-term) ((ABIN657702 and ABIN2846693))immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NFKBIB Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** NFKBIB Antibody (C-term) (ABIN657702 and ABIN2846693) western blot analysis in CEM cell line lysates (35 µg/lane).This demonstrates the NFKBIB antibody detected the NFKBIB protein (arrow).