

# NFKBIB Antibody

Catalog No: #33039



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## Description

Product Name	NFKBIB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total NFKBIB protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NFKBIB.
Target Name	NFKBIB
Other Names	IKBB; TRIP9;
Accession No.	Swiss-Prot:Q15653NCBI Gene ID:4793
SDS-PAGE MW	37KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

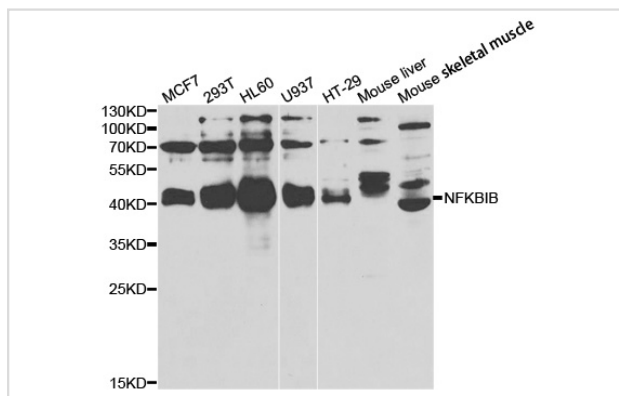
## Application Details

Western blotting: 1:500 - 1:2000

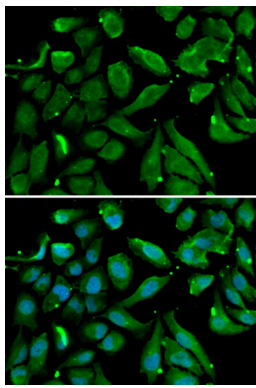
Immunohistochemistry: 1:50 - 1:200

Immunofluorescence: 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using NFKBIB antibody.



Immunofluorescence analysis of A549 cell using NFKBIB antibody. Blue: DAPI for nuclear staining.

## Background

The protein encoded by this gene belongs to the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor. Alternatively spliced transcript variants have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.