

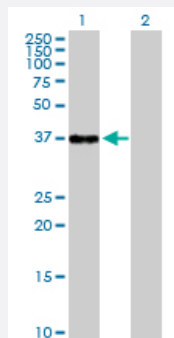
MaxPab®

NFKBIB purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004793-D01P

Size 100 ug

Applications

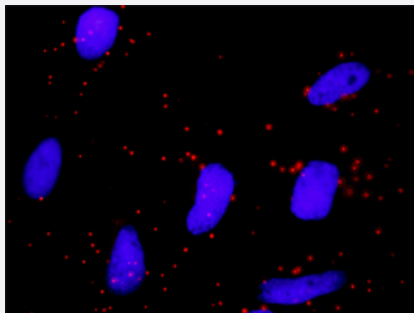


Western Blot (Transfected lysate)

Western Blot analysis of NFKBIB expression in transfected 293T cell line ([H00004793-T01](#)) by NFKBIB MaxPab polyclonal antibody.

Lane 1: NFKBIB transfected lysate(37.80 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between NFKBIB and FBXW11. HeLa cells were stained with anti-NFKBIB rabbit purified polyclonal 1:1200 and anti-FBXW11 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human NFKBIB protein.

Immunogen

NFKBIB (NP_002494.2, 1 a.a. ~ 356 a.a) full-length human protein.

Sequence

MAGVACLGKAADADEWCDSGLGSLGPDAAAPGGPGLGAELGPGLSWAPLVFGYVTEGDGTAL
HLAVIHQHEPFLDFLLGFSAGTEYMDLQNDLGQTALHLAAILGETSTVEKLYAAGAGLCVAERRGH
TALHLACRVGAHACARALLQPRRRPREAPDTYLAQGPDRTPDTNHTPVALYDSDLEKEEEES
EEDWKLQLEAENYEGHTPLHVAVIHKDVEMVRLLRDAGADLDKPEPTCGRSPLHLAVEAQAADV
LELLLRAGANPAARMYGGRTPLGSAMLRPNPILARLLRAHGAPEPEGEDEKSGPCSSSSSDSDSG
DEGDEYDDIVHSSRSQTRLPPTPASKPLPDDPRPV

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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Gene Info — NFKBIB

Entrez GeneID	4793
GeneBank Accession#	NM_002503.3
Protein Accession#	NP_002494.2
Gene Name	NFKBIB
Gene Alias	IKBB, TRIP9
Gene Description	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta
Omim ID	604495
Gene Ontology	Hyperlink

Gene Summary

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 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).[supplied by OMIM]

Other Designations

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Pathway

- [Adipocytokine signaling pathway](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [T cell receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Empyema](#)
- [Fetal Diseases](#)

- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [HIV Infections](#)
- [Inflammation](#)
- [Lymphoma](#)
- [Musculoskeletal Diseases](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pneumococcal Infections](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Skin Diseases](#)