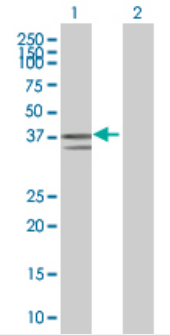
MaxPab®

NFKBIB MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004793-B01P Size 50 ug

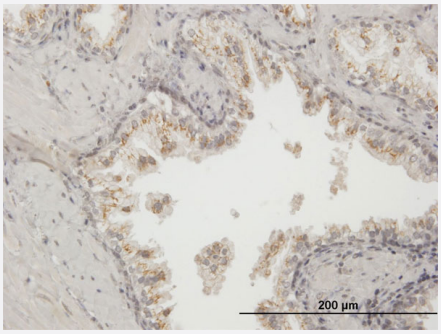
Applications



Western Blot (Transfected lysate)

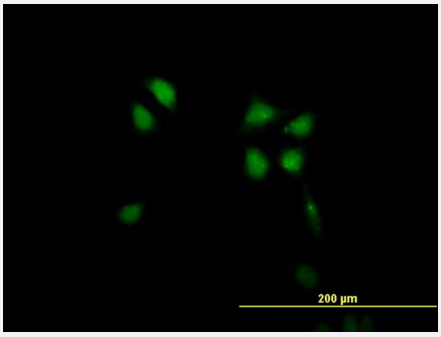
Western Blot analysis of NFKBIB expression in transfected 293T cell line (H00004793-T01) by NFKBIB MaxPab polyclonal antibody.

Lane 1: NFKBIB transfected lysate(39.16 KDa).
Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to NFKBIB on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NFKBIB on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse 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	MAGVACLGKAADADEWCDSGLGSLGPDAAAPGGPGLGAELGPGLSWAPLVFGYVTEDGDTAL HLAVIHQHEPFLDFLLGFSAGTEYMDLQNDLGQTALHLAAILGETSTVEKLYAAGAGLCVAERRGH TALHLACRVGAHACARALLQPRPRRPREAPDTYLAQGPDRTPDTNHTPVALYPDSDLEKEEEES EEDWKLQLEAENYEGHTPLHVAVIHKDVEMVRLLRDAGADLDKPEPTCGRSPLHLAVEAQAADV LELLLRAGANPAARMYGGRTPLGSAMLRPNPILARLLRAHGAPEPEGEDEKSGPCSSSSDSDSG DEGDEYDDIVVHSSRSQTRLPPTPASKPLPDDDPRPV
Host	Mouse
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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunoperoxidase of purified MaxPab antibody to NFKBIB on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

  Protocol Download

- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to NFKBIB on HeLa cell. [antibody concentration 10 ug/ml]

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 164 014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kap pa-B proteins (NFKBIA, MIM 164008, or NFKBIB), which inactivate NF-kappa-B by trapping it in t he 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, th ereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into t he nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime o r 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	-

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