

NFKB2 polyclonal antibody

Catalog # PAB15994 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NFKB2.
Immunogen	A synthetic peptide corresponding to C-terminus of human NFKB2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	ELISA (1:2000-1:5000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — NFKB2

Entrez GeneID	4791
Gene Name	NFKB2

Gene Alias	LYT-10, LYT10
Gene Description	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)
Omim ID	164012
Gene Ontology	Hyperlink
Gene Summary	NFKB has been detected in numerous cell types that express cytokines, chemokines, growth factors, cell adhesion molecules, and some acute phase proteins in health and in various disease states. NFKB is activated by a wide variety of stimuli such as cytokines, oxidant-free radicals, inhaled particles, ultraviolet irradiation, and bacterial or viral products. Inappropriate activation of NF-kappa-B has been linked to inflammatory events associated with autoimmune arthritis, asthma, septic shock, lung fibrosis, glomerulonephritis, atherosclerosis, and AIDS. In contrast, complete and persistent inhibition of NF-kappa-B has been linked directly to apoptosis, inappropriate immune cell development, and delayed cell growth. For reviews, see Chen et al. (1999) [PubMed 9895331] and Baldwin (1996) [PubMed 8717528]. [supplied by OMIM]
Other Designations	OTTHUMP00000020371 OTTHUMP00000059136 nuclear factor of kappa light chain gene enhancer in B-cells 2 nuclear factor of kappa light polypeptide gene enhancer in B-cells 2

Publication Reference

- [The generation of nfkb2 p52: mechanism and efficiency.](#)

Heusch M, Lin L, Geleziunas R, Greene WC.

Oncogene 1999 Nov; 18(46):6201.

- [A new member of the I kappaB protein family, I kappaB epsilon, inhibits RelA \(p65\)-mediated NF-kappaB transcription.](#)

Li Z, Nabel GJ.

Molecular and Cellular Biology 1997 Oct; 17(10):6184.

Application: IP, Human, HEK 293 cells, Recombinant protein

- [Differential interactions of Rel-NF-kappa B complexes with I kappa B alpha determine pools of constitutive and inducible NF-kappa B activity.](#)

Dobrzanski P, Ryseck RP, Bravo R.

The EMBO Journal 1994 Oct; 13(19):4608.

Application: WB-Tr, Monkey, COS cells

Pathway

- [MAPK signaling pathway](#)

- [Pathways in cancer](#)

Disease

- [Alzheimer Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Musculoskeletal Diseases](#)

- [Obesity](#)
- [Occupational Diseases](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Puberty](#)
- [Respiratory Syncytial Virus Infections](#)
- [Skin Diseases](#)
- [Systemic Vasculitis](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)