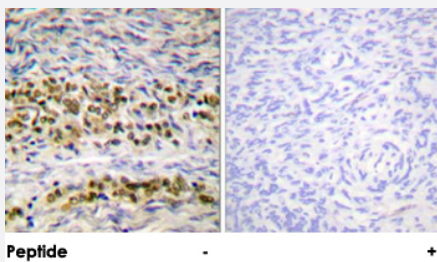


NFKB1 polyclonal antibody

Catalog # PAB18193 Size 100 ug

Applications



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

Immunohistochemical analysis of paraffin-embedded human ovary tissue using NFKB1 polyclonal antibody (Cat # PAB18193).

Peptide "+" means "peptide blocking".

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of NFKB1.

Immunogen A synthetic peptide corresponding to human NFKB1.

Host Rabbit

Reactivity Human, Mouse, Rat

Specificity This antibody is specific to NFKB1.

Form Liquid

Purification Affinity purification

Concentration 1 mg/mL

Recommend Usage Immunohistochemistry (1:50-1:100)
ELISA (1:5000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

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

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

Immunohistochemical analysis of paraffin-embedded human ovary tissue using NFKB1 polyclonal antibody (Cat # PAB18193).
Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NFKB1

Entrez GeneID[4790](#)**Protein Accession#**[P19838](#)**Gene Name**

NFKB1

Gene Alias

DKFZp686C01211, EBP-1, KBF1, MGC54151, NF-kappa-B, NFKB-p105, NFKB-p50, p105, p50

Gene Description

nuclear factor of kappa light polypeptide gene enhancer in B-cells 1

Omim ID[164011](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

DNA binding factor KBF1|NF-kappabeta|nuclear factor NF-kappa-B p50 subunit|nuclear factor kappa-B DNA binding subunit|nuclear factor kappa-B, subunit 1

Publication Reference

- [NF-kappaB activation can mediate inhibition of human cytomegalovirus replication.](#)

Eickhoff JE, Cotten M.

The Journal of General Virology 2005 Feb; 86(Pt 2):285.

- [Downregulation of the cellular adhesion molecule Thy-1 \(CD90\) by cytomegalovirus infection of human fibroblasts.](#)

Leis M, Marschall M, Stamminger T.

The Journal of General Virology 2004 Jul; 85(Pt 7):1995.

- [Regulation of Ig class switch recombination by NF-kappaB: retroviral expression of RelB in activated B cells inhibits switching to IgG1, but not to IgE.](#)

Deepta Bhattacharya, Dong U Lee, William C Sha.

International Immunology 2002 Sep; 14(9):983.

Pathway

- [Acute myeloid leukemia](#)
- [Adipocytokine signaling pathway](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Neurotrophin signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)

- [Prostate cancer](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Abortion](#)
- [Acute Lung Injury](#)
- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Behcet Syndrome](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoid Tumor](#)
- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chorioamnionitis](#)
- [Colitis](#)

- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)

- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Immune System Diseases](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Musculoskeletal Diseases](#)
- [Nasopharyngeal Neoplasms](#)

- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuroendocrine Tumors](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Parkinson disease](#)
- [Polycystic Ovary Syndrome](#)
- [Polymyalgia Rheumatica](#)
- [Postoperative Hemorrhage](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Prostatitis](#)
- [Psoriasis](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)

- [Recurrence](#)
- [Sarcoidosis](#)
- [Silicosis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Spondylitis](#)
- [Stomach Neoplasms](#)
- [Temporal Arteritis](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)