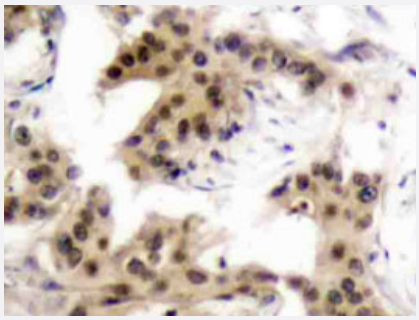
NFKB1 (phospho S893) polyclonal antibody

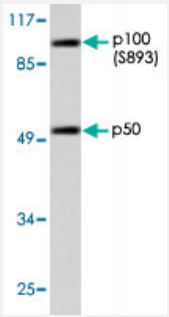
Catalog # PAB25043 Size 100 uL

Applications



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

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue with NFKB1 (phospho S893) polyclonal antibody (Cat # PAB25043).



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with NFKB1 (phospho S893) polyclonal antibody (Cat # PAB25043).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of NFKB1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S893 of NFKB1.
Host	Rabbit
Theoretical MW (kDa)	105
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification

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Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% 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 shoul d be handled by trained staff only.

Applications

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

  Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue with NFKB1 (phospho S893) polyclonal antibody (Cat # PAB25043).

- Western Blot (Cell lysate)

  Western blot analysis of HeLa cell lysate with NFKB1 (phospho S893) polyclonal antibody (Cat # PAB25043).

Gene Info — NFKB1

Entrez GeneID	4790
Gene Name	NFKB1
Gene Alias	DKFZp686C01211, EBP-1, KBF1, MGC54151, NF-kappa-B, NFKB-p105, NFKB-p50, p105, p5 0
Gene Description	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
Omim ID	164011
Gene Ontology	Hyperlink

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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

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

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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

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- 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

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- 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

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- 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

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- Skin Neoplasms
- Spondylitis
- Stomach Neoplasms
- Temporal Arteritis
- Thrombophilia
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Viremia
- Waldenstrom Macroglobulinemia
- Werner syndrome

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