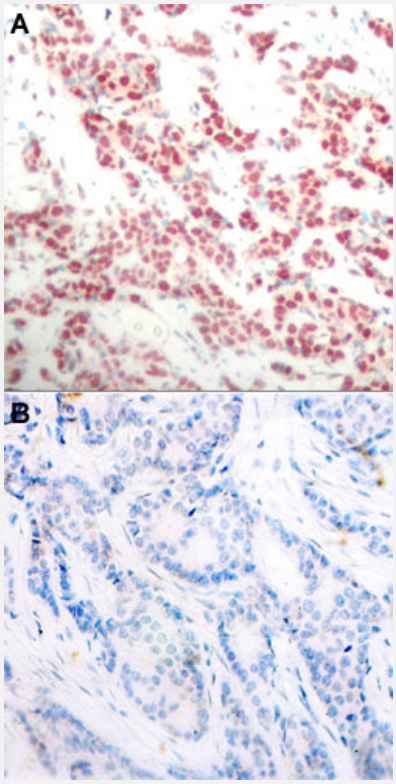
NFKB2 (phospho S866) polyclonal antibody

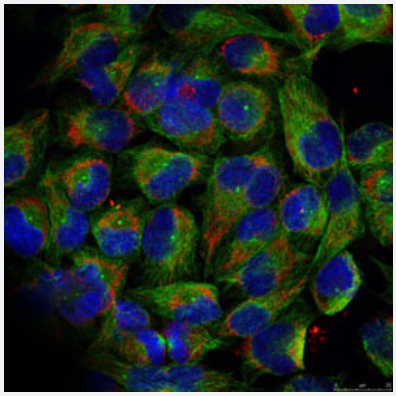
Catalog # PAB29599 Size 100 uL

Applications



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

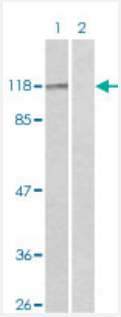
Immunohistochemical staining of human breast cancer tissue by NFKB2 (phospho S866) polyclonal antibody (Cat# PAB29599) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.



Immunofluorescence

Immunofluorescent staining of methanol-fixed Hela cells using NFKB2 (phospho S866) polyclonal antibody (Cat# PAB29599) at 1:100-1:200 dilution.

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Western Blot (Cell lysate)

Western blot analysis of Lane 1: ovary cancer cells, Lane 2: synthesized peptide treated ovary cancer cells with NFKB2 (phospho S866) polyclonal antibody (Cat# PAB29599) at 1:500-1:1000 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human NFKB2.
Immunogen	A synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S866 of human NFKB2.
Host	Rabbit
Theoretical MW (kDa)	120
Reactivity	Human, Mouse, Rabbit
Specificity	NFKB2 (phospho S866) polyclonal antibody detects endogenous level of NFKB2 only when phosphorylated at serine 866.
Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunofluorescence (1:100-1:200) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM 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

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

  Immunohistochemical staining of human breast cancer tissue by NFKB2 (phospho S866) polyclonal antibody (Cat# PAB29599) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

- Immunofluorescence

  Immunofluorescent staining of methanol-fixed Hela cells using NFKB2 (phospho S866) polyclonal antibody (Cat# PAB29599) at 1:100-1:200 dilution.

- Western Blot (Cell lysate)

  Western blot analysis of Lane 1: ovary cancer cells, Lane 2: synthesized peptide treated ovary cancer cells with NFKB2 (phospho S866) polyclonal antibody (Cat# PAB29599) at 1:500-1:1000 dilution.

Gene Info — NFKB2

Entrez GeneID	4791
Protein Accession#	Q00653
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

Pathway

- MAPK signaling pathway

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- 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

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- 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

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