

Phospho NF-kB p65 (Ser276) Antibody

rev 12/19

CATALOG NO.: A1953-100 (100 µl)

BACKGROUND DESCRIPTION: NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.

ALTERNATE NAMES: NFKB3; Transcription factor p65; Nuclear factor NF-kappa-B p65 subunit; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: KLH-conjugated synthetic peptide targeting a sequence within the center region of human NF-kB p65

MOLECULAR WEIGHT: 70 kDa

PURIFICATION: Affinity purified

FORM: Liquid

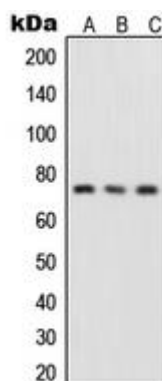
FORMULATION: In 0.42% Potassium phosphate, 0.87% NaCl, pH 7.3, 30% glycerol, and 0.01% sodium azide

SPECIES REACTIVITY: Human, Mouse, Rat, Monkey, Porcine, Bovine

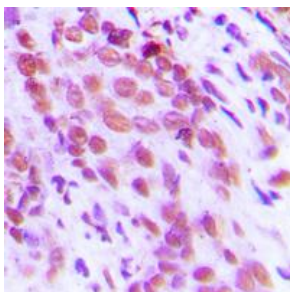
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: WB 1:500 - 1:1000, IHC 1:100 - 1:200, IP 1:10 - 1:100

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of phospho NF-kB p65 (Ser276) expression in HeLa TNF α -treated (A); mouse kidney (B); PC12 UV-treated (C) whole cell lysates.



Immunohistochemical analysis of phospho NF-kB p65 (Ser276) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with hematoxylin and mounted with DPX.

RELATED PRODUCTS:

Phospho-Bcl-2 (Ser70) Antibody (A1011)
Phospho-FoxO1 (Ser319) antibody (A1018)
Anti-NFkB p65 Rabbit Monoclonal Antibody (A1591)
Anti-Phospho- NF kappaB p65 (Ser536) Antibody (A1590)

FOR RESEARCH USE ONLY! Not to be used on humans.