

NFκB p65 polyclonal antibody

Catalog: BS90940

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

NF-κappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-κappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFκB1/p105, NFκB1/p50, REL and NFκB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. In unstimulated cells, NF-κB is sequestered in the cytoplasm by IκB inhibitory proteins. NF-κB-activating agents can induce the phosphorylation of IκB proteins, targeting them for rapid degradation through the ubiquitin-proteasome pathway and releasing NF-κB to enter the nucleus where it regulates gene expression.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

65 kDa

Swiss-Prot:

Q04206(Human) Q04207(Mouse)

Purification&Purity:

Peptide affinity purified

Applications:

WB:1:1,000-1:2,000

IHC:1:100-1:200

FC:1:50-1:100

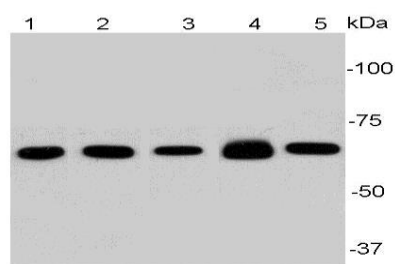
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

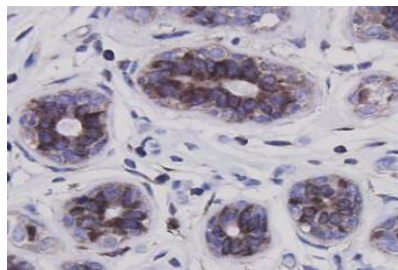
Specificity:

NFκB p65 polyclonal antibody detects endogenous levels of NFκB p65 protein.

DATA:



Western blot analysis of NF-κB p65 on different lysates using anti-NF-κB p65 antibody at 1/1000 dilution. Positive control: Lane1: Hela Lane2:A549 Lane3: PC12 Lane 4: Mouse embryonic stem cell Lane5: NIH/3T3



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-NF-κB p65 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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