

NF- κ B p65(Phospho-Ser276) polyclonal antibody

Catalog: BSP4135

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Transcription factors of the nuclear factor κ B (NF- κ B)/Rel family play a pivotal role in inflammatory and immune responses. There are five family members in mammals: RelA, c-Rel, RelB, NF- κ B1 (p105/p50), and NF- κ B2 (p100/p52). Both p105 and p100 are proteolytically processed by the proteasome to produce p50 and p52, respectively. Rel proteins bind p50 and p52 to form dimeric complexes that bind DNA and regulate transcription. In unstimulated cells, NF- κ B is sequestered in the cytoplasm by I κ B inhibitory proteins. NF- κ B-activating agents can induce the phosphorylation of I κ B proteins, targeting them for rapid degradation through the ubiquitin-proteasome pathway and releasing NF- κ B to enter the nucleus where it regulates gene expression. NIK and IKK α (IKK1) regulate the phosphorylation and processing of NF- κ B2 (p100) to produce p52, which translocates to the nucleus.

Product:

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

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q04206

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:2000

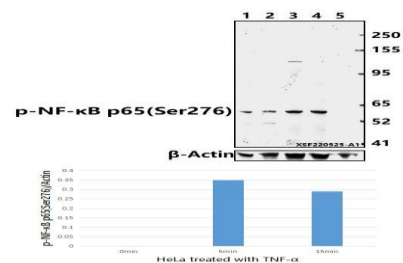
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

NF- κ B p65(Phospho-Ser276) polyclonal antibody detects endogenous levels of NF- κ B p65 protein only when phosphorylated at Ser276.

DATA:



Western blot (WB) analysis of NF- κ B p65(Phospho-Ser276) polyclonal antibody at 1:1000 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:CT-26 whole cell lysate(40ug)

Lane3:HeLa treated with TNF- α (20 ng/ml,15 minutes) whole cell lysate(40ug)

Lane4:HeLa treated with TNF- α (20 ng/ml,5 minutes) whole cell lysate(40ug)

Lane5:HeLa whole cell lysate(40ug)

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogol.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151