NFkB-p105 (phospho-S927) polyclonal antibody

Catalog: BS4243 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Proteins encoded by the v-Rel viral oncogene and its cellular homolog, c-Rel, are members of a family of transcription factors that include the two subunits of the transcription factor NFκB (p50 and p65) and the Drosophila maternal morphogen, dorsal. The DNA binding activity of NFκB is activated and NFκB is subsequently transported from the cytoplasm to the nucleus in cells exposed to mitogens or growth factors. cDNAs encoding precursors for two distinct proteins of the same size have been described, designated p105 and p100. The p105 precursor contains p50 at its N-terminus and a C-terminal region that when expressed as a separate molecule, designated pdI, binds to p50 and regulates its activity

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 105 kDa

Swiss-Prot:

P19838

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: 1:500~1:1000

IHC: 1:50~1:200

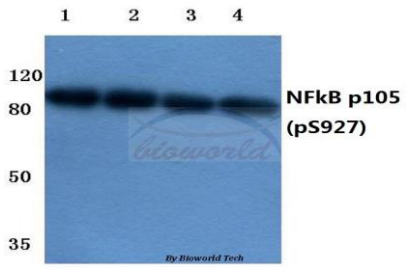
Storage&Stability:

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

Specificity:

p-NFκB-p105 (S927) polyclonal antibody detects endogenous levels of NFκB-p105 protein only when phosphorylated at Ser927.

DATA:



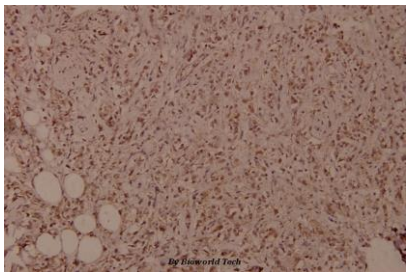
Western blot (WB) analysis of p-NFkB-p105 (S927) polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate treated with UV

Lane2:Raw264.7 cell lysate treated with TNFa

Lane3:Rat liver tissue lysate

Lane4:Rat kidney tissue lysate



Immunohistochemistry (IHC) analyzes of p-NFkB-p105 (S927) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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