NFkB-p100 (phospho-S865) polyclonal antibody

Catalog: BS4129 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The NFκB transcription factor was originally identified as a protein complex consisting of a DNA binding subunit and an associated protein. The subunit is functionally related to c-Rel p75 and Rel B p68. The p50 subunit was initially believed to be a functionally unique protein derived from the amino-terminus of a precursor designated p105. A cDNA has been isolated that encodes an alternative DNA binding subunit of NFκB. It is synthesized as a protein that is expressed in a variety of cell types and, like p105, undergoes cleavage to generate its NFκB subunit, in this case a protein designated p52 (previously referred to as p49). In contrast to p50 derived from p105, p52 acts in synergy with p65 to stimulate the HIV enhancer in transiently transfected Jurkat cells.

Product:

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

Molecular Weight:

~ 100, 120 kDa

Swiss-Prot:

Q00653

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

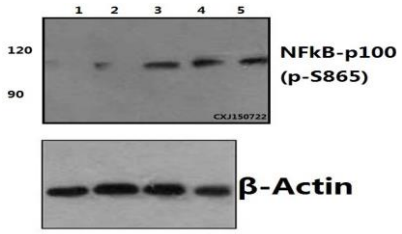
Storage&Stability:

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

Specificity:

p-NFkB-p100 (S865) polyclonal antibody pAb detects endogenous levels of NFkB-p100 protein only when phosphorylated at Ser865.

DATA:



Western blot (WB) analysis of NFkB-p100 (phospho-S865) polyclonal antibody at 1:500 dilution

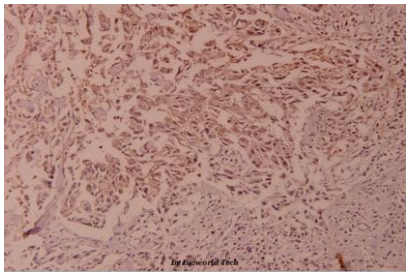
Lane1:NIH-3T3 whole cell lysate(40ug)

Lane2:NIH-3T3(PMA, 60ng/ml, 5min)whole cell lysate(40ug)

Lane3:NIH-3T3(PMA, 60ng/ml, 15min)whole cell lysate(40ug)

Lane4:NIH-3T3(PMA, 60ng/ml, 30min)whole cell lysate(40ug)

Lane5:NIH-3T3(EGF, 0.1ng/ml, 30min)whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of p-NFkB-p100 (S865) 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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