

## NFkB p100 polyclonal antibody

Catalog: BS90938

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

NFKB2 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p100 and generation of p52 by a cotranslational processing. The proteasome-mediated process ensures the production of both p52 and p100 and preserves their independent function. p52 binds to the kappa-B consensus sequence 5'-GGRNNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions. p52 and p100 are respectively the minor and major form; the processing of p100 being relatively poor. Isoform p49 is a subunit of the NF-kappa-B protein complex, which stimulates the HIV enhancer in synergy with p65.

### Product:

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

### Molecular Weight:

~ 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: 1:5000~1:10000

IF: 1:50~1:200

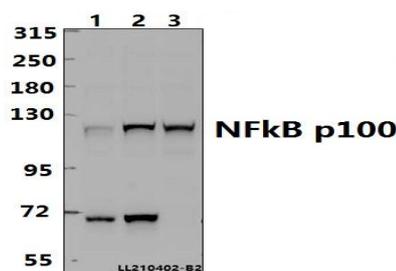
### Storage&Stability:

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

### Specificity:

NFkB p100 polyclonal antibody detects endogenous levels of NFkB p100 protein.

### DATA:

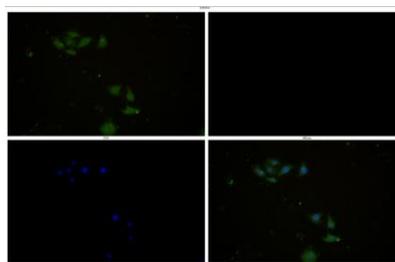


Western blot (WB) analysis of NFkB p100 pAb at 1:5000 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)

Lane3:C6 whole cell lysate(40ug)



Immunofluorescence analysis of A549 cells using NFkB p100 antibody at dilution of 1:50.

### Note:

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

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