

## NFκB-p105/p50 (V331) polyclonal antibody

Catalog: BS1248

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:

~ 50,105 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:

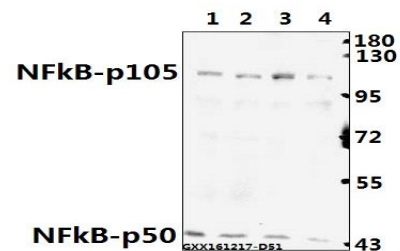
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

NFκB-p105/p50 (V331) polyclonal antibody detects en-

dogenous levels of the precursor protein p105 and its cleavage product p50.

### DATA:



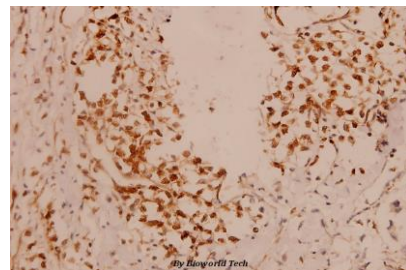
Western blot (WB) analysis of NFκB-p105/p50 (V331) polyclonal antibody at 1:500 dilution

Lane1:HEK293T treated with TNFα(20ng/ml)for 1h whole cell lysate

Lane2:HEK293T treated with TNFα(20ng/ml)for 20 min whole cell lysate

Lane3:HEK293T treated with TNFα(20ng/ml)for 5 min whole cell lysate

Lane4:HEK293T whole cell lysate



Immunohistochemistry (IHC) analyzes of NFκB-p105/p50 (V331) 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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