c-Jun (G67) polyclonal antibody

Catalog: BCP00501 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The c-Jun proto-oncogene was first identified as the cellular homolog of the avian sarcoma virus v-Jun oncogene. The c-Jun protein, along with c-Fos, is a component of the AP-1 transcriptional complex. c-Jun can form either Jun/Jun homodimers or Jun/Fos heterodimers via the leucine repeats in both proteins. Homo- and heterodimers bind to the TGACTCA consensus sequence present in numerous promoters and initially identified as the phorbol ester tumor promoter response element (TRE). Two additional genes, Jun B and Jun D, have been shown to be almost identical to c-Jun in their C-terminal regions, which are involved in dimerization and DNA binding, whereas their N-terminal domains, which are involved in transcriptional activation, diverge. All three form heterodimers among themselves and with c-Fos and other members of the Fos gene family.

Product:

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

Molecular Weight:

~ 43, 48 kDa

Swiss-Prot:

P05412

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

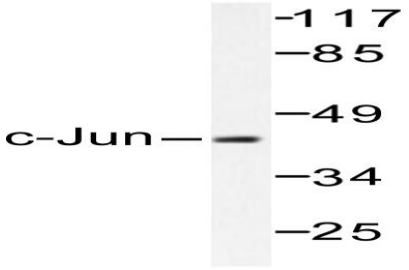
Storage&Stability:

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

Specificity:

c-Jun (G67) polyclonal antibody detects endogenous levels of c-Jun protein.

DATA:



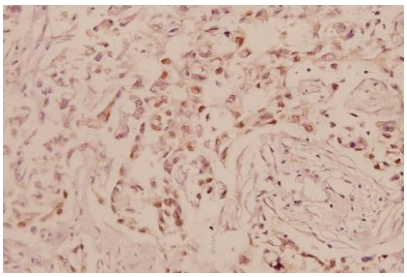
Western blot (WB) analysis of c-Jun (G67) polyclonal antibody at 1:500 dillution

Lane1:HEK293T whole cell lysate(40µg)

Lane2:NIH-3T3 whole cell lysate(40µg)

Lane3:PC12 whole cell lysate(40µg)

Lane4:H9C2 whole cell lysate(40µg)



Immunohistochemistry (IHC) analyzes of c-Jun (G67) 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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