Product datasheet

Anti-c-Jun/JUN Antibody

Catalog Number: *A02038-2*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-c-Jun/JUN Antibody
Gene Name	JUN
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IHC, ICC/IF
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human c-Jun/JUN, which shares 93.3% amino acid (aa) sequence identity with both mouse and rat c-Jun/JUN.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	36-48 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

c-Jun is a protein that in humans is encoded by the JUN gene. This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.

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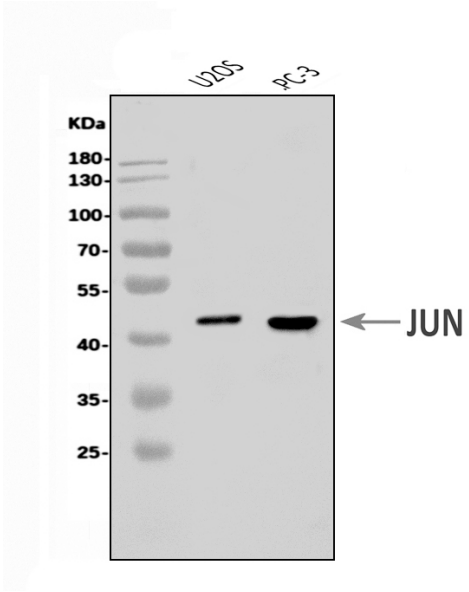
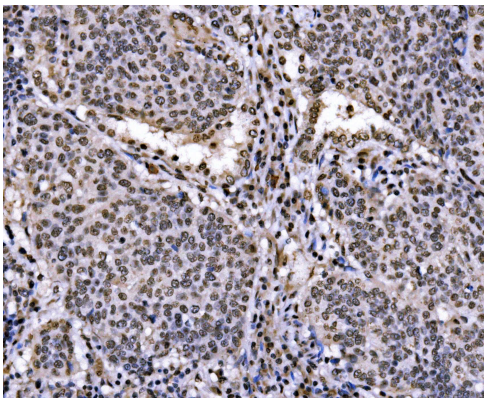
Reference

Anti-c-Jun/JUN Antibody被引用在1文献中。

Selected Validation Data



Western blot analysis of c-Jun/JUN using anti-c-Jun/JUN antibody (A02038-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: U2OS whole cell lysates,
Lane 2: PC-3 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-c-Jun/JUN antigen affinity purified polyclonal antibody (A02038-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for c-Jun/JUN at approximately 36-48 kDa. The expected band size for c-Jun/JUN is at 36 kDa.



IHC analysis of c-Jun/JUN using anti-c-Jun/JUN antibody (A02038-2). c-Jun/JUN was detected in a paraffin-embedded section of human lung cancer tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody. The tissue section was incubated with rabbit anti-c-Jun/JUN Antibody (A02038-2) at a dilution of 1:200 and developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB (Catalog # AR1027) as the chromogen.

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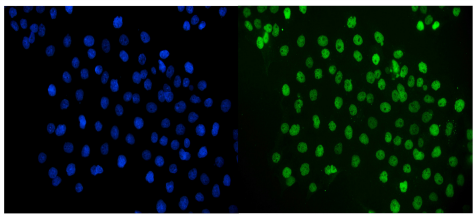

ICC/IF analysis of c-Jun/JUN using anti-c-Jun/JUN antibody (A02038-2). c-Jun/JUN was detected in an immunocytochemical section of A431 cells. The section was incubated with rabbit anti-c-Jun/JUN Antibody (A02038-2) at a dilution of 1:100. Fluoro488 Conjugated Goat Anti-Rabbit IgG (Green) (Catalog # BA1127) was used as secondary antibody. The section was counterstained with DAPI (Catalog # AR1176) (Blue).