

Phospho-c-Jun-T91 Rabbit pAb

Catalog No.: AP1216

Basic Information

Observed MW

36kDa

Calculated MW

36kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

3725

Swiss Prot

P05412

Immunogen

A synthetic phosphorylated peptide around T91 of human JUN (NP_002219.1).

Synonyms

AP1; p39; AP-1; cJUN; c-Jun; Phospho-c-Jun-T91

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

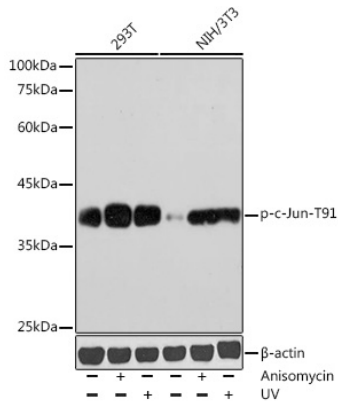
Affinity purification

Storage

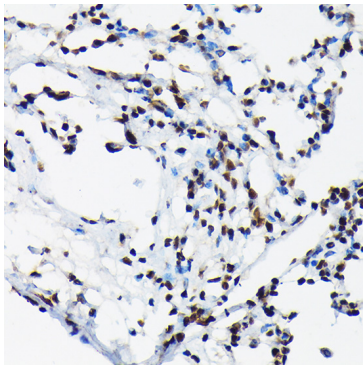
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

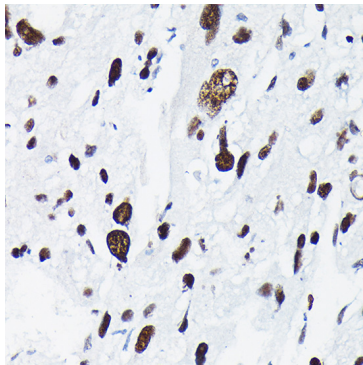
Validation Data



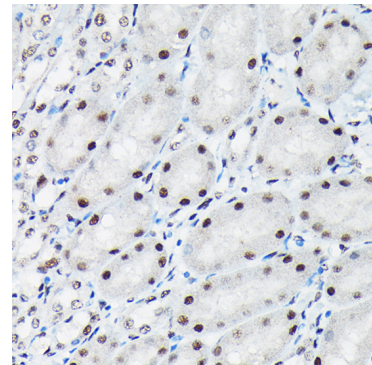
Western blot analysis of various lysates using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at 1:1000 dilution. Both 293T cells and NIH/3T3 cells were treated by Anisomycin (25 μ g/mL) at 37°C for 30 minutes after serum-starvation overnight. Both 293T cells and NIH/3T3 cells were treated by UV at room temperature for 15-30 minutes.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.



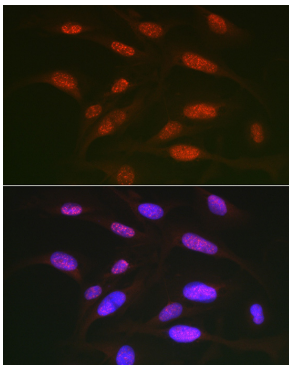
Immunohistochemistry analysis of paraffin-embedded Rat lung using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using Phospho-c-Jun-T91 Rabbit pAb (AP1216) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.