

## Rabbit Phospho-c-Jun-T91 Polyclonal Antibody | anti-c-Jun-T91 antibody

Phospho-c-Jun-T91 Rabbit pAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA282137 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

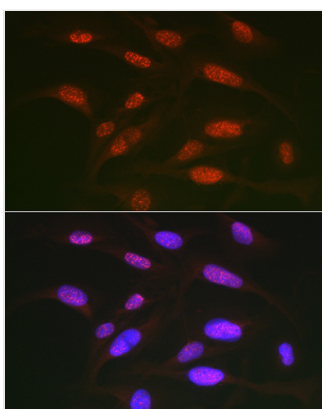
### PRODUCT SYNONYMS

Phospho-c-Jun-T91; Polyclonal Antibody; Phospho-c-Jun-T91 Rabbit pAb; AP-1; AP1; c-Jun; JUN; c; anti-c-Jun-T91 antibody

### PRODUCT SPECIFICATIONS

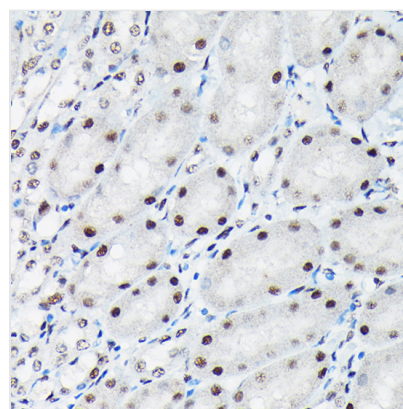
|                                                     |                                                                        |
|-----------------------------------------------------|------------------------------------------------------------------------|
| Host                                                | Rabbit                                                                 |
| Reactivity                                          | Human, Mouse, Rat                                                      |
| Clonality                                           | Polyclonal                                                             |
| Isotype                                             | IgG                                                                    |
| Purity/Purification                                 | Affinity purification                                                  |
| Form/Format                                         | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                      |
| Applicable Applications for anti-c-Jun-T91 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                           | A synthetic phosphorylated peptide around T91 of human JUN.            |
| Cellular Location                                   | Nucleus                                                                |
| Positive Samples                                    | 293T, NIH/3T3                                                          |
| Preparation and Storage                             | Store at -20 degree C. Avoid freeze/thaw cycles.                       |

### IMAGES



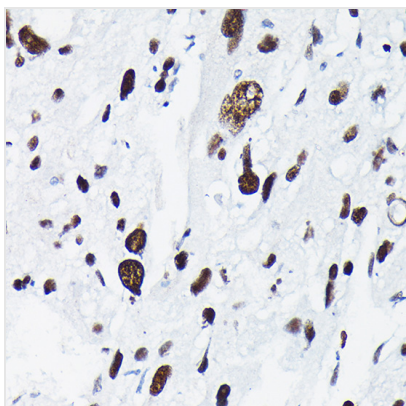
#### IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using Phospho-c-Jun-T91 Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



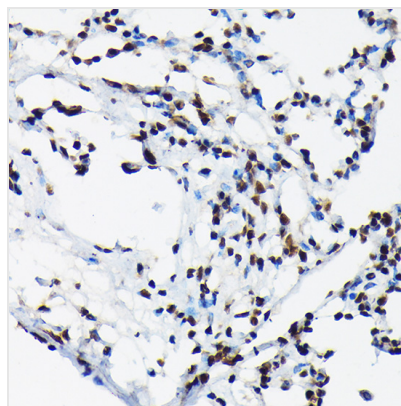
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using Phospho-c-Jun-T91 Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



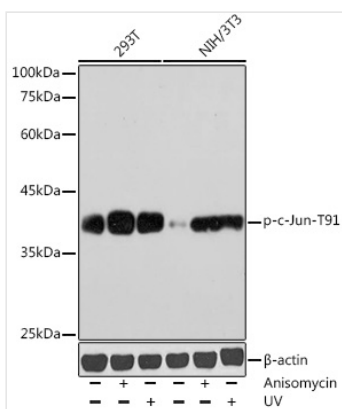
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using Phospho-c-Jun-T91 Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using Phospho-c-Jun-T91 Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Phospho-c-Jun-T91 antibody at 1:1000 dilution. Both 293T cells and NIH/3T3 cells were treated by Anisomycin (25 ug/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 Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

## ADDITIONAL INFORMATION

#### Related Product Information for anti-c-Jun-T91 antibody

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.

#### Product Categories/Family for anti-c-Jun-T91 antibody

Epigenetics & Nuclear Signaling; Transcription Factors; Research; Protein phosphorylation; Research; Signal Transduction; ErbB-HER Signaling Pathway; Research; Signal Transduction; MAPK-JNK Signaling Pathway; Research; Immunology & Inflammation; B Cell Re

## NCBI AND UNIPROT INFORMATION

|                           |                |
|---------------------------|----------------|
| NCBI GI #                 | 4758616        |
| NCBI GeneID               | 3725           |
| NCBI Accession #          | NP_002219.1    |
| NCBI GenBank Nucleotide # | NM_002228.3    |
| UniProt Accession #       | P05412; Q96G93 |
| Molecular Weight          | 35,676 Da      |

|                                  |                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | transcription factor AP-1                                                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | jun proto-oncogene                                                                                                                                                                                                                                   |
| NCBI Official Symbol             | JUN                                                                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | AP1; AP-1; c-Jun                                                                                                                                                                                                                                     |
| NCBI Protein Information         | transcription factor AP-1; p39; jun oncogene; activator protein 1; proto-oncogene c-Jun; enhancer-binding protein AP1; Jun activation domain binding protein; v-jun sarcoma virus 17 oncogene homolog; v-jun avian sarcoma virus 17 oncogene homolog |
| UniProt Protein Name             | Transcription factor AP-1                                                                                                                                                                                                                            |
| UniProt Gene Name                | <b>JUN</b>                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | AP1                                                                                                                                                                                                                                                  |
| UniProt Entry Name               | JUN_HUMAN                                                                                                                                                                                                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospho-c-jun-t91-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/282137>