

## **Product datasheet for TA377672S**

## c-Jun (JUN) Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

**Applications:** ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:200 IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Phospho T91

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** A synthetic phosphorylated peptide around T91 of human JUN.

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

Conjugation: Unconjugated

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

**Stability:** Shelf life: one year from despatch.

**Gene Name:** Jun proto-oncogene, AP-1 transcription factor subunit

Database Link: Entrez Gene 3725 Human

P05412

**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.

**Synonyms:** AP-1; AP1; c-Jun; p39



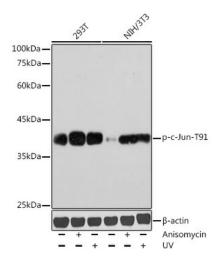
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

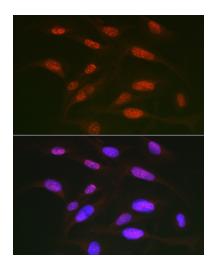
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## **Product images:**





Western blot analysis of extracts of various cell lines, using Phospho-c-Jun-T91 antibody ([TA377672]) 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 serumstarvation 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) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Basic Kit. |Exposure time: 180s.

Immunofluorescence analysis of U2OS cells using Phospho-c-Jun-T91 Rabbit pAb ([TA377672]) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.