

Phospho-c-Jun (T91) Antibody
Rabbit mAb
Catalog # AP90881**Specification**

Phospho-c-Jun (T91) Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB, IP |
| Primary Accession | P05412 |
| Reactivity | Rat |
| Clonality | Monoclonal |

Other Names

JUN; p39; V-jun avian sarcoma virus 17 oncogene homolog; Proto-oncogene c-Jun; AP1; Activator protein 1; Transcription factor AP-1;

| | |
|---------------|------------|
| Isotype | Rabbit IgG |
| Host | Rabbit |
| Calculated MW | 35676 Da |

Phospho-c-Jun (T91) Antibody - Additional Information

| | |
|------------------------------|---|
| Purification | Affinity-chromatography |
| Immunogen | A synthesized peptide derived from human c-Jun |
| Description | c-Jun is a member of the Jun family containing c-Jun, JunB, and JunD, and is a component of the transcription factor activator protein-1 (AP-1). AP-1 regulated genes exert diverse biological functions including cell proliferation, differentiation, and apoptosis, as well as transformation, invasion and metastasis, depending on cell type and context. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

Phospho-c-Jun (T91) Antibody - Protein Information**Name** JUN**Function**

Transcription factor that recognizes and binds to the AP-1 consensus motif 5'-TGA[GC]TCA-3' (PubMed: [10995748](http://www.uniprot.org/citations/10995748), PubMed: [22083952](http://www.uniprot.org/citations/22083952)). Heterodimerizes with proteins of the FOS family to form an AP-1 transcription complex, thereby enhancing its DNA binding activity to the AP-1 consensus sequence 5'-TGA[GC]TCA-3' and enhancing its transcriptional activity (By similarity). Together with FOSB, plays a role in

activation-induced cell death of T cells by binding to the AP-1 promoter site of FASLG/CD95L, and inducing its transcription in response to activation of the TCR/CD3 signaling pathway (PubMed:12618758). Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation (PubMed:17210646). Involved in activated KRAS-mediated transcriptional activation of USP28 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the USP28 promoter in colorectal cancer (CRC) cells (PubMed:24623306).

Cellular Location

Nucleus.

Tissue Location

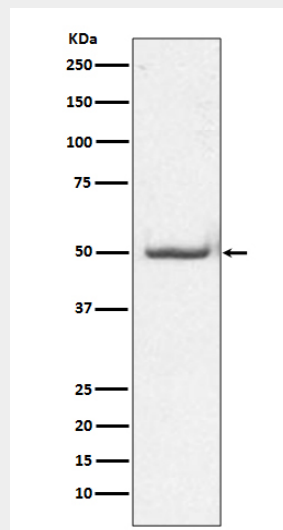
Expressed in the developing and adult prostate and prostate cancer cells.

Phospho-c-Jun (T91) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Phospho-c-Jun (T91) Antibody - Images



Western blot analysis of Phospho-c-Jun (T91) expression in human brain lysate.