

Phospho-c-Jun (Ser63) Rabbit mAb

Catalog # AP74977

Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | P05412 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Calculated MW | 35676 |

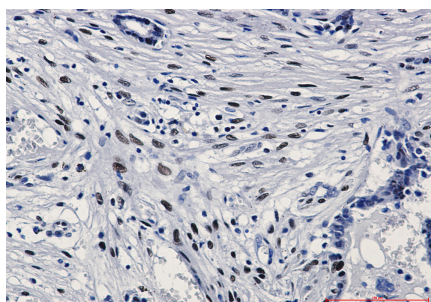
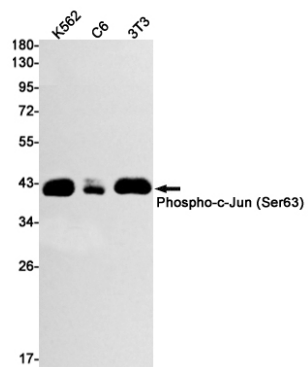
Additional Information

| | |
|-------------|-----------------------------|
| Gene ID | 3725 |
| Other Names | JUN |
| Dilution | WB~~1/500-1/1000 IHC-P~~N/A |
| Format | Liquid |

Protein Information

| | |
|-------------------|---|
| Name | JUN |
| Function | <p>Transcription factor that recognizes and binds to the AP-1 consensus motif 5'-TGA[GC]TCA-3' (PubMed:10995748, PubMed: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).</p> |
| Cellular Location | Nucleus. |
| Tissue Location | Expressed in the developing and adult prostate and prostate cancer cells. |

Images



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