

Phospho-c-Jun (S73)+JunD (S100) Antibody

Rabbit mAb

Catalog # AP93065

Product Information

Application WB, IHC, IP
Primary Accession [P05412](#), [P17535](#)
Reactivity Human, Mouse
Clonality Monoclonal
Other Names JunD; c-Jun;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 35676

Additional Information

Dilution WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50
Purification Affinity-chromatography
Immunogen A synthesized peptide derived from human Phospho-c-Jun (S73)+JunD (S100)
Description Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3' (PubMed:10995748, PubMed:22083952). 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).
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.

Protein Information

Name JUN

Function 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](#)).

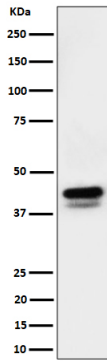
Cellular Location

Nucleus.

Tissue Location

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

Images



Western blot analysis of Phospho-c-Jun (S73)+JunD (S100) expression in RAW 264.7 cell lysate.

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