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JUN Antibody (Center T89/T91) Blocking Peptide

Synthetic peptide
Catalog # BP18903c

Specification

JUN Antibody (Center T89/T91) Blocking Peptide - Product Information

Primary Accession P05412

JUN Antibody (Center T89/T91) Blocking Peptide - Additional Information

Gene ID 3725

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

JUN Antibody (Center T89/T91) Blocking Peptide - 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.

JUN Antibody (Center T89/T91) Blocking Peptide - Protocols

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

- Blocking Peptides

JUN Antibody (Center T89/T91) Blocking Peptide - Images

JUN Antibody (Center T89/T91) Blocking Peptide - Background

This gene is the putative transforming gene of aviansarcoma virus 17. It encodes a protein which is highly similar tothe viral protein, and which interacts directly with specifictarget DNA sequences to regulate gene expression. This gene isintronless and is mapped to 1p32-p31, a chromosomal region involvedin both translocations and deletions in human malignancies.

JUN Antibody (Center T89/T91) Blocking Peptide - References

Gonsalves, C., et al. J. Immunol. 185(10):6253-6264(2010)Bozec, A., et al. J. Cell Biol. 190(6):1093-1106(2010)Machida, K., et al. Hepatology 52(2):480-492(2010)Madi, A., et al. BMC Microbiol. 10, 215 (2010) :Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) :