

**Phospho-mouse JUN(T289) Antibody Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP3783b****Specification**

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**Phospho-mouse JUN(T289) Antibody Blocking peptide - Product Information**Primary Accession [P05627](#)**Phospho-mouse JUN(T289) Antibody Blocking peptide - Additional Information****Gene ID** 16476**Other Names**

Transcription factor AP-1, AH119, Activator protein 1, AP1, Proto-oncogene c-Jun, V-jun avian sarcoma virus 17 oncogene homolog, Jun A, 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.

**Phospho-mouse JUN(T289) Antibody 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:<a href="http://www.uniprot.org/citations/14707112" target="\_blank">14707112</a>). Heterodimerizes with proteins of the FOS family to form an AP-1 transcription factor complex, thereby enhancing its DNA binding activity to the AP-1 consensus sequence 5'-TGA[GC]TCA-3' and enhancing its transcriptional activity (PubMed:<a href="http://www.uniprot.org/citations/2498083" target="\_blank">2498083</a>). 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 (By similarity). Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation (PubMed:<a href="http://www.uniprot.org/citations/17210646" target="\_blank">17210646</a>). Involved in activated KRAS- mediated transcriptional activation of USP28 (By similarity). Binds to the USP28 promoter (By similarity).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:P05412}.

### **Phospho-mouse JUN(T289) Antibody Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **Phospho-mouse JUN(T289) Antibody Blocking peptide - Images**

### **Phospho-mouse JUN(T289) Antibody Blocking peptide - Background**

This gene is the putative transforming gene of aviansarcoma 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.

### **Phospho-mouse JUN(T289) Antibody 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) :