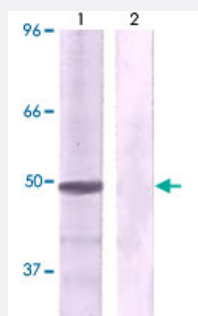


JUN (phospho T239) polyclonal antibody

Catalog # PAB12615 Size 100 ug

Applications



Western Blot (Cell lysate)

The cell lysate derived from UV treated NIH/3T3 cells was immunoprobed by JUN (phospho T239) polyclonal antibody (Cat # PAB12615) at 1 : 500. An immunoreactive band is observed around ~ 48kDa (lane 1). This band is blocked by pre-incubation with immunizing peptide (Lane 2).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of JUN.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding T239 of human JUN.
Sequence	GETPP
Host	Rabbit
Theoretical MW (kDa)	48
Reactivity	Human, Mouse, Rat
Specificity	This antibody recognizes ~48 KDa of human JUN at a phosphorylation site of Threonine 239. It does not react to non-phosphorylated peptides.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (0.1-1 ug/mL) ELISA (0.01-0.1 ug/mL) Immunoprecipitation (2-5 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer

In TBS, pH 7.2 (BSA, 10% Proclin300)

Storage Instruction

Store at 4°C. For long term storage store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — JUN

Entrez GeneID[3725](#)**Gene Name**

JUN

Gene Alias

AP-1, AP1, c-Jun

Gene Description

jun oncogene

Omim ID[165160](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequence s 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. [provided by RefSeq]

Other Designations

Jun activation domain binding protein|OTTHUMP00000010036|activator protein 1|enhancer-binding protein AP1|v-jun avian sarcoma virus 17 oncogene homolog|v-jun sarcoma virus 17 oncogene homolog

Publication Reference

- [A reinvestigation of the multisite phosphorylation of the transcription factor c-Jun.](#)

Morton S, Davis RJ, McLaren A, Cohen P.

The EMBO Journal 2003 Aug; 22(15):3876.

Application: WB-Ce, Mouse, RAW 264.7 cells, Fibroblasts

Pathway

- [B cell receptor signaling pathway](#)
- [Colorectal cancer](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [ErbB signaling pathway](#)
- [Focal adhesion](#)
- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Campylobacter Infections](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Kidney Failure](#)
- [Ovarian Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Salmonella Infections](#)