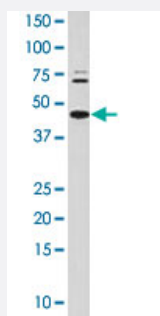


JUN (phospho S63) polyclonal antibody

Catalog # PAB0444

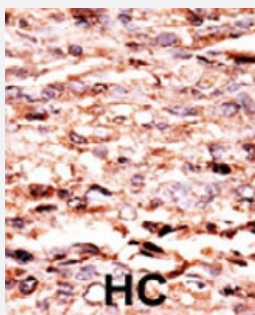
Size 400 uL

Applications



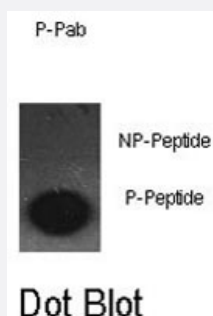
Western Blot (Tissue lysate)

Western blot analysis of JUN (phospho S63) polyclonal antibody (Cat # PAB0444) in mouse brain tissue lysate (35 ug/lane). Mouse Phospho-JUN-pS63 (arrow) was detected using the purified polyclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with JUN (phospho S63) polyclonal antibody (Cat # PAB0444) which was peroxidase-conjugated to the secondary antibody followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.



Dot Blot (Peptide)

Dot blot analysis of JUN (phospho S63) polyclonal antibody (Cat # PAB0444) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of JUN.

Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S63 of human JUN.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Dot Blot (1:500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of JUN (phospho S63) polyclonal antibody (Cat # PAB0444) in mouse brain tissue lysate (35 ug/lane). Mouse Phospho-JUN-pS63 (arrow) was detected using the purified polyclonal antibody.

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Gene Info — JUN

Entrez GeneID [3725](#)

Protein Accession# [NP_002219:P05412](#)

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

- [Differential regulation of c-Jun-dependent transcription by SUMO-specific proteases.](#)

Cheng J, Perkins ND, Yeh ET.

The Journal of Biological Chemistry 2005 Apr; 280(15):14492.

- [Ultraviolet irradiation induces Smad7 via induction of transcription factor AP-1 in human skin fibroblasts.](#)

Quan T, He T, Voorhees JJ, Fisher GJ.

The Journal of Biological Chemistry 2005 Mar; 280(9):8079.

- [Identification of endogenous glucocorticoid repressed genes differentially regulated by a glucocorticoid receptor mutant able to separate between nuclear factor-kappaB and activator protein-1 repression.](#)

Bladh LG, Liden J, Dahlgren-Wright K, Reimers M, Nilsson S, Okret S.

Molecular Pharmacology 2005 Mar; 67(3):815.

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](#)