

c-Jun Antibody

Catalog No: #48285

Package Size: #48285-1 50ul #48285-2 100ul

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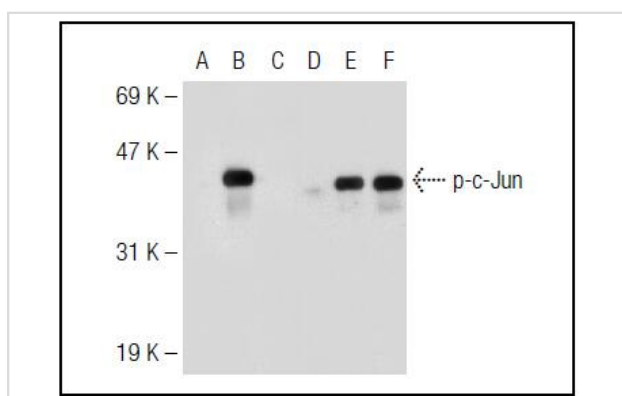
Description

Product Name	c-Jun Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB, IP, IF, IHC(P)
Species Reactivity	Hu, Ms, Rt
Immunogen Description	peptide
Other Names	Activator protein 1 antibody AP 1 antibody AP1 antibody cJun antibody Enhancer Binding Protein AP1 antibody Jun Activation Domain Binding Protein antibody JUN antibody Jun oncogene antibody JUN protein antibody Jun proto oncogene antibody JUN_HUMAN antibody JUNC antibody Oncogene JUN antibody p39 antibody Proto oncogene c jun antibody Proto oncogene cJun antibody Proto-oncogene c-jun antibody Transcription Factor AP 1 antibody Transcription factor AP-1 antibody Transcription Factor AP1 antibody V jun avian sarcoma virus 17 oncogene homolog antibody V jun sarcoma virus 17 oncogene homolog (avian) antibody V jun sarcoma virus 17 oncogene homolog antibody V-jun avian sarcoma virus 17 oncogene homolog antibody vJun Avian Sarcoma Virus 17 Oncogene Homolog antibody hide
Accession No.	Swiss-Prot#:P05412
Uniprot	P05412
GeneID	3725;
Calculated MW	39kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at 4°C

Application Details

WB: 1:100-1:1,000IHC: 1:50-1:500IP: 1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)

Images



Western blot analysis of c-Jun phosphorylation in nontransfected (A,D), untreated mouse c-Jun transfected (B,E) and lambda protein phosphatase treated human c-Jun transfected(C,F) 293T whole cell lysates.

Background

Genes belonging to the Jun and Fos oncogene families encode nuclear proteins that are associated with a number of transcriptional complexes. The c-Jun protein is a major component of the transcription factor AP-1, originally shown to mediate phorbol ester tumor promoter (TPA)-induced expression of responsive genes through the TPA-response element (TRE). The Jun proteins form homo- and heterodimers which bind the TRE, while Fos proteins are active only as heterodimers with any of the Jun proteins. Fos/Jun heterodimers have a much higher affinity for the TRE than Jun homodimers. Ha-Ras augments c-Jun activity and stimulates phosphorylation of its activation domain. An inhibitor of Fos/Jun function, termed IP-1, associates with Fos and Jun and is inactivated upon phosphorylation induced by the cAMP-dependent protein kinase A (PKA).

References

Note: This product is for in vitro research use only