

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-JUN (Ser73)



Numéro de catalogue: 28891-1-AP

9 Publications

Informations de base

Numéro de catalogue:

28891-1-AP

Taille:

100ul, Concentration: 330 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC068522

Identification du gène (NCBI):

3725

Nom complet:

jun oncogene

MW calculé

331 aa, 36 kDa

MW observés:

38-45 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IF 1:200-1:800

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, souris

Contrôles positifs:

WB : cellules NIH/3T3 traitées au UV,

IF : cellules NIH/3T3,

Informations générales

JUN is also named as c-Jun and AP1, belongs to the bZIP family and Jun subfamily. JUN, the most extensively studied protein of the activator protein-1 (AP-1) complex, is involved in numerous cell activities, such as proliferation, apoptosis, survival, tumorigenesis and tissue morphogenesis (PMID: 22180088). JUN is a transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. It promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. JUN is a basic leucine zipper (bZIP) transcription factor that acts as homo- or heterodimer, binding to DNA and regulating gene transcription (PMID: 9732876). In addition, extracellular signals can induce post-translational modifications of JUN, resulting in altered transcriptional activity and target gene expression (PMID:8464713). More over, it has uncovered multiple layers of a complex regulatory scheme in which JUN is able to crosstalk, amplify and integrate different signals for tissue development and disease. Jun is predominantly nuclear, ubiquitinated Jun colocalizes with lysosomal proteins (PMID: 15469925). This antibody is raised against synthetic phosphopeptide corresponding to residues surrounding Ser73 of human JUN, which can detect the bands around 42-45 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhaoyi Liang	36210461	Cell Mol Biol Lett	WB
Lieqiang Xu	36438835	Front Pharmacol	WB
Xiang Tong	34803671	Front Pharmacol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

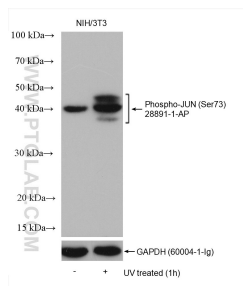
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

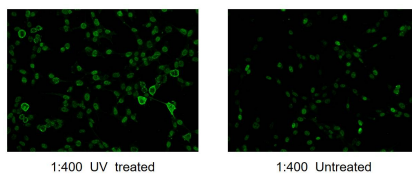
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Non-treated NIH/3T3 and UV treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 28891-1-AP (Phospho-JUN (Ser73) antibody) at dilution of 1:1000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.



Immunofluorescent analysis of (4% PFA) fixed UV treated and non-treated NIH/3T3 cells using Phospho-JUN (Ser73) antibody (28891-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).