

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-JUN



Numéro de catalogue: 24909-1-AP

Phare

45 Publications

Informations de base

Numéro de catalogue:

24909-1-AP

Taille:

150ul, Concentration: 1200 µg/ml by Nanodrop and 733 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG17639

Numéro d'acquisition GenBank:

BC068522

Identification du gène (NCBI):

3725

Nom complet:

jun oncogene

MW calculé

331 aa, 36 kDa

MW observés:

39 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

ChIP, CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, souris, Hamster

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : UV treated HeLa cells, cellules C6, cellules HEK-293, cellules HeLa, cellules HepG2, cellules NIH/3T3, cellules NIH/3T3 traitées au UV

IHC : tissu de cancer du col de l'utérus humain, tissu de cancer du sein humain

IF : cellules NIH/3T3,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

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 a rabbit polyclonal antibody raised against a region of human JUN. Both phosphorylated (p-c-Jun) and unphosphorylated forms of c-Jun, with sizes of 42-45 kDa and 36-39 kDa, respectively are obtain in some experiments. (PMID: 17210646)

Publications notables

Autrice	Pubmed ID	Journal	Application
ZiBo Tang	33230457	Mol Ther Nucleic Acids	WB
Qin Zhang	36083512	Mol Cell Biochem	WB
Qing Tong	36068629	Cancer Cell Int	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

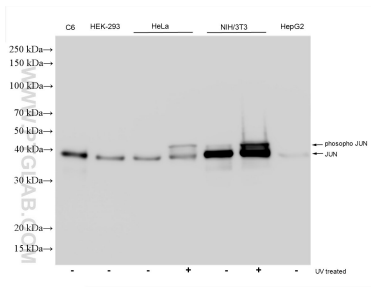
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

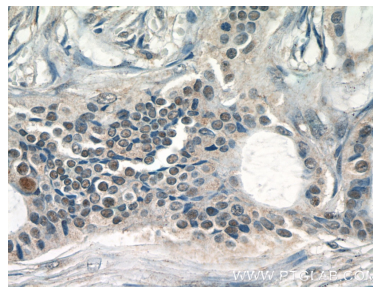
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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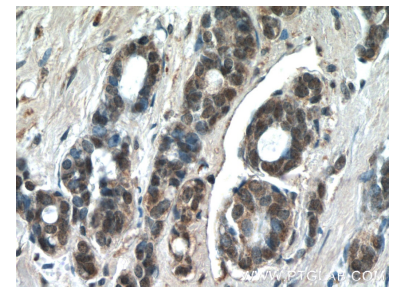
Données de validation sélectionnées



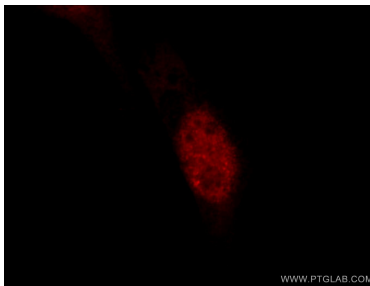
Various lysates were subjected to SDS PAGE followed by western blot with 24909-1-AP (JUN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 24909-1-AP (JUN Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 24909-1-AP (JUN Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of NIH/3T3 cells using 24909-1-AP (JUN antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.