

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-JUN



Numéro de catalogue: 22114-1-AP

4 Publications

Informations de base

Numéro de catalogue:

22114-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG17419

Numéro d'acquisition GenBank:

BC002646

Identification du gène (NCBI):

3725

Nom complet:

jun oncogene

MW calculé

331 aa, 36 kDa

MW observés:

40-46 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IF 1:50-1:500

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, singe, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules NIH/3T3, cellules HEK-293, tissu cérébral de rat

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 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
Ruichen Wang	33365066	Exp Ther Med	WB
Deshi Dong	24886943	Molecules	WB
Ceshu Gao	34022890	J Neuroinflammation	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.

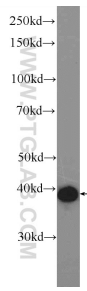
For technical support and original validation data for this product please contact:

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

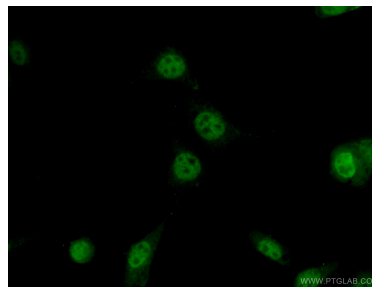
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 22114-1-AP (JUN Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed NIH/3T3 cells using 22114-1-AP (JUN antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).