

À des fins de recherche uniquement

Anticorps Monoclonal anti-JUN

Numéro de catalogue: 66313-1-Ig **16 Publications**



Informations de base

Numéro de catalogue: 66313-1-Ig	Numéro d'acquisition GenBank: BC068522	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3725	CloneNo.: 1G6B11
Hôte: Mouse	Nom complet: jun oncogene	Dilutions recommandées: WB 1:1000-1:8000
Isotype: IgG1	MW calculé: 331 aa, 36 kDa	
Immunogen Catalog Number: AG17639	MW observés: 39 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules RAW 264.7, cellules A431, cellules Jurkat, cellules NIH/3T3, cellules ROS1728
Demandes citées: WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain, rat, souris	

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 raised against a region of human JUN.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhuo-Yuan Wang	36370638	Phytomedicine	WB
Xiang Tong	34803671	Front Pharmacol	WB
Zhanhui Du	32431596	Front Mol Neurosci	WB

Stockage

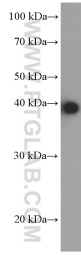
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** 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



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 66313-1-Ig (JUN Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.