

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-AP1, JUN, P39



Numéro de catalogue: 10024-2-AP

Phare

31 Publications

Informations de base

Numéro de catalogue:

10024-2-AP

Numéro d'acquisition GenBank:

BC002646

Méthode de purification:

Purification par affinité contre l'antigène

Taille:

150ul, Concentration: 293 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

3725

Nom complet:

jun oncogene

Hôte:

Lapin

MW calculé

331 aa, 36 kDa

Isotype:

IgG

MW observés:

36 kDa, 40-45 kDa

Applications

Applications testées:

ELISA

Demandes citées:

IHC, 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 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
Xufeng Tao	25083618	Transplantation	WB
Thomas W Hanigan	28943357	Cell Chem Biol	WB
Siyuan Chen	30224386	J Exp Med	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:

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