

Nur für Forschungszwecke

Phospho-JUN (Ser73) Polyklonaler Antikörper



Katalog-Nr.: 28891-1-AP

7 Publikationen

Allgemeine Informationen

Katalog-Nr.: 28891-1-AP	GenBank-Zugangsnummer: BC068522	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 330 µg/ml von Nanodrop;	GeneID (NCBI): 3725	Empfohlene Verdünnungen: WB 1:500-1:2000 IF 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: jun oncogene	
Isotyp: IgG	Berechnete Masse: 331 aa, 36 kDa	
	Beobachtete Masse: 38-45 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB: Mit UV behandelte NIH/3T3-Zellen, IF: NIH/3T3-Zellen,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Hausschwein, Human, Maus	

Hintergrundinformationen

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)

Bemerkenswerte Veröffentlichungen

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

Lagerung

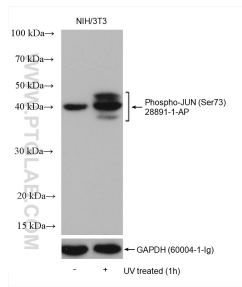
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

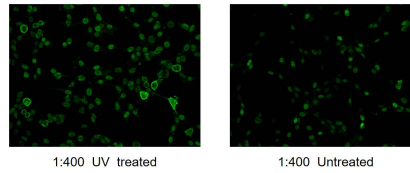
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Ausgewählte Validierungsdaten



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).