

Nur für Forschungszwecke

JUN Monoklonaler Antikörper

Katalog-Nr.: 66313-1-Ig **15 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66313-1-Ig	GenBank-Zugangsnummer: BC068522	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 3725 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): jun oncogene	CloneNo.: 1G6B11
Wirt: Maus	Vollständiger Name: jun oncogene	Empfohlene Verdünnungen: WB 1:1000-1:8000
Isotyp: IgG1	Berechnete Masse: 331 aa, 36 kDa	
Immunogen Katalognummer: AG17639	Beobachtete Masse: 39 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB: RAW 264.7-Zellen, A431-Zellen, Jurkat-Zellen, NIH/3T3-Zellen, ROS1728-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus, Ratte	

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]. Moreover, 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 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 obtained in some experiments. (PMID: 17210646)

Bemerkenswerte Veröffentlichungen

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

Lagerung

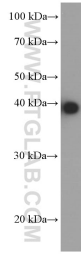
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

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



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.