

Datasheet for ABIN1396064

anti-C-JUN antibody (pThr91, pThr93) (AbBy Fluor® 350)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	C-JUN (JUN)
Binding Specificity:	pThr91, pThr93
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C-JUN antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human c-Jun around the phosphorylation site of Thr91/93
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	C-JUN (JUN)
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Target Details

Alternative Name:	c-Jun (JUN Products)
Background:	Synonyms: p-c-JunThr91+Thr93, p-JunThr91+Thr93, Jun oncogene, JUN, Activator Protein 1, AP 1, AP1, AP-1, Enhancer Binding Protein AP1, Jun Activation Domain Binding Protein, JUN protein, JUNC, p39, Proto oncogene cJun, Transcription Factor AP1, V jun avian sarcoma virus 17 oncogene homolog, vJun Avian Sarcoma Virus 17 Oncogene Homolog, JUN_HUMAN, Transcription factor AP-1, Activator 1, Proto-oncogene c-Jun, V-jun avian sarcoma virus 17 oncogene homolog. Background: C-jun (Oncoprotein C-jun) is a component of the transcription factor AP-1 that binds and activates transcription at TRE/AP-1 elements and appears to be a major downstream target of the SAPK/JNK signaling pathway. The transcriptional activity of c-Jun is regulated by phosphorylation at Ser63 and Ser73. Extracellular signals including growth factors, transforming oncoproteins and UV irradiation stimulate phosphorylation of c-Jun at Ser63/73 and activate c-Jun dependent transcription. Mutation of Ser63/73 renders c-Jun nonresponsive to mitogenic and stress induced signaling pathways. The MAP kinase homologue, SAPK/JNK, binds to the N-terminal region of c-Jun and phosphorylates c-Jun at Ser63/73. In addition, the activity of SAPK/JNK is stimulated by the same signals that activate c-Jun.
Molecular Weight:	36kDa
Gene ID:	3725
Pathways:	MAPK Signaling , RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Myometrial Relaxation and Contraction , Skeletal Muscle Fiber Development , Protein targeting to Nucleus , Toll-Like Receptors Cascades , Autophagy , Signaling of Hepatocyte Growth Factor Receptor , BCR Signaling , S100 Proteins

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL

Handling

Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months