Phospho-c-Jun (Thr91) Antibody





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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 48	Source/Isotype: Rabbit	UniProt ID: #P05412	Entrez-Gene Id: 3725
Product Usage Information	1	Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM soo 20°C. Do not aliquot tl), 150 mM NaCl, 100 μg	/ml BSA and 50% gl	ycerol. Store at –
Specificity/Sen	sitivity			ndogenous levels of tot body may also recogniz		
Source / Purific	cation		dues around Thr91	munizing animals with a of human c-Jun. Antiboo		
Background		transcription factor ac members and binds to signals, including grov transcriptional activity (reviewed in 2). Knock subsequent studies ha including axon regene exert diverse biologica transformation, invasi regulate survival, as w	tivator protein-1 (A o and activates tran wth factors, chemol o of c-Jun is regulate out studies in mice ave demonstrated r eration (4), liver regu al functions, includii on and metastasis, rell as hypoxia and a	ining c-Jun, JunB, and Ju P-1). AP-1 is composed of scription at TRE/AP-1 ele- tines, and stress, activat d by phosphorylation at have shown that c-Jun is oles for c-Jun in various eneration (5), and T cell ng cell proliferation, diff depending on cell type angiogenesis (8,10). Res ty vascular remodeling, a	of dimers of Fos, Jur ements (reviewed in e AP-1-dependent t t Ser63 and Ser73 th s essential for embr tissues and develop development (6). AF erentiation, and app and context (7-9). C earch studies have	n, and ATF family 1). Extracellular ranscription. The prough SAPK/JNK yogenesis (3), and pmental processes, P-1 regulated genes optosis, as well as other target genes implicated c-Jun as
		The phosphorylation of accessibility of the car	of Thr91 and Thr93 boxy-terminal sites	scription factor c-Jun ha induces a change in the to a protein phosphata: r93 <i>in vivo</i> is unknown.	conformation of c-	un that enhances
Background Re	eferences	 Jochum, W. et al. (20 Davis, R.J. (2000) <i>Ce</i> Hilberg, F. et al. (199 Raivich, G. et al. (20 Behrens, A. et al. (20 Behrens, A. et al. (21 Riera-Sans, L. and B Leppä, S. and Bohm Shaulian, E. and Kar Weiss, C. and Bohm Karamouzis, M.V. et Lass, C.R. and Chon Morton, S. et al. (21 Papavassiliou, A.G 	// 103, 239-52. 3) Nature 365, 179 04) Neuron 43, 57-6 002) EMBO J 21, 178 ehrens, A. (2007) J J ehrens, A. (2007) J J ehrens, A. (2007) Mol Car et al. (2003) J Pharmac ehong, P.F. (2008) Pha 003) EMBO J 22, 385	-81. 7. 52-90. 59 mmunol 178, 5690-700. 59 gene 18, 6158-62. 59 li Biol 4, E131-6. Cycle 3, 111-3. 50 cer Res 5, 109-20. 50 Sci 91, 177-81. 50 mmazie 63, 411-4. 76-86.		
Species Reactiv	vity	Species reactivity is de	etermined by testing	g in at least one approve	ed application (e.g.,	western blot).
Western Blot B	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted haking, overnight.	primary antibody ir	ר 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting				

Cross-Reactivity Key	H: Human M: Mouse R: Rat
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