## Phospho-c-Jun (Ser243) Antibody





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Applications: W	<b>Reactivity:</b> H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 48	<b>Source/Isotype:</b> Rabbit	UniProt ID: #P05412	Entrez-Gene Id: 3725
Product Usage Information	9	Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM so 20°C. Do not aliquot t		5), 150 mM NaCl, 100 µg	/ml BSA and 50% gl	ycerol. Store at –
Specificity/Ser	nsitivity	Phospho-c-Jun (Ser24 phosphorylated at Se	3) Antibody detects r243.	endogenous levels of to	otal c-Jun protein on	ly when
Source / Purifi	cation	Polyclonal antibodies corresponding to resi peptide affinity chrom	dues around Ser24	nmunizing animals with a 3 of human c-Jun. Antibo	a synthetic phospho odies are purified by	opeptide v protein A and
Background		transcription factor ac members and binds t signals, including grou transcriptional activity (reviewed in 2). Knock subsequent studies h including axon regene exert diverse biologic transformation, invas regulate survival, as w a promising therapeu arthritis (11,12). c-Jun has also been re	ctivator protein-1 (A o and activates tran wth factors, chemo y of c-Jun is regulate out studies in mice ave demonstrated i eration (4), liver reg al functions, includi ion and metastasis, well as hypoxia and tic target for cance	ining c-Jun, JunB, and Ju P-1). AP-1 is composed of scription at TRE/AP-1 elec- kines, and stress, activate ed by phosphorylation at have shown that c-Jun is roles for c-Jun in various eneration (5), and T cell ng cell proliferation, diff depending on cell type angiogenesis (8,10). Res r, vascular remodeling, a phosphorylated at the C	of dimers of Fos, Jur ements (reviewed ir te AP-1-dependent to t Ser63 and Ser73 th s essential for embr tissues and develop development (6). Af erentiation, and ap and context (7-9). C earch studies have cute inflammation, -terminal sites Thr2	n, and ATF family n 1). Extracellular transcription. The prough SAPK/JNK yogenesis (3), and pmental processes, P-1 regulated genes optosis, as well as other target genes implicated c-Jun as and rheumatoid
Background R	eferences	1. Jochum, W. et al. (2 2. Davis, R.J. (2000) <i>Ce</i> 3. Hilberg, F. et al. (19 4. Raivich, G. et al. (20 5. Behrens, A. et al. (2	001) Oncogene 20, el/ 103, 239-52. 93) Nature 365, 179 93) Neuron 43, 57-6 002) EMBO J 21, 178 Behrens, A. (2007) J hann, D. (1999) Onc rin, M. (2002) Nat C hann, D. (2004) Cell et al. (2007) Mol Cal H. (2003) J Pharmac bong, P.F. (2008) Pha	9-81. 57. 32-90. <i>Immunol</i> 178, 5690-700. <i>ogene</i> 18, 6158-62. <i>ell Biol</i> 4, E131-6. <i>Cycle</i> 3, 111-3. <i>ncer Res</i> 5, 109-20. <i>rol Sci</i> 91, 177-81. <i>armazie</i> 63, 411-4.		
Species Reacti	vity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot E	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody i	n 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting				
Cross-Reactivi	ty Key	H: Human M: Mouse	<b>R:</b> Rat <b>Mk:</b> Monkey			

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