e at -20C	Phospho-c-Jun (Thr93) Antibody	T C		
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
)3		Support:	877-678-TECH (8324)	
#2993		Web:	info@cellsignal.com cellsignal.com	
#		3 Trask Lane Danvers	Massachusetts 01923 USA	

For Research Use Only	Not for Use	in Diagnostic I	Procedures
FOI INESCAICH USE OIN	. NOLIDI 030	in Diagnostic i	Toccuures.

Applications: WB	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 48	Source: Rabbit	UniProt ID: #P05412	Entrez-Gene Id: 3725
Product Usage Information		plication stern Blotting			Dilution 1:1000	
Storage		plied in 10 mM sodi C. Do not aliquot the		5), 150 mM NaCl, 10)0 μg/ml BSA and 50% g	lycerol. Store at –
Specificity / Sensit		spho-c-Jun (Thr93) onine 93.	Antibody detects e	ndogenous levels of	f c-Jun only when phosp	horylated at
Source / Purificatio	to re			-	h a synthetic phosphope ied by protein A and pep	
Background	trans men sign trans (revi subs inclu exer trans regu a pro arthr	scription factor activ hbers and binds to als, including growt scriptional activity o ewed in 2). Knocko sequent studies hav iding axon regenera t diverse biological sformation, invasion late survival, as we omising therapeutic ritis (11,12).	vator protein-1 (AP- and activates transo th factors, chemokin of c-Jun is regulated but studies in mice h ve demonstrated rol ation (4), liver reger functions, including n and metastasis, d ell as hypoxia and a tranget for cancer, v	1). AP-1 is compose cription at TRE/AP-1 nes, and stress, activ- by phosphorylation nave shown that c-Ju- les for c-Jun in varion heration (5), and T c g cell proliferation, di epending on cell typ ngiogenesis (8,10). vascular remodeling	nd JunD, and is a compo ed of dimers of Fos, Jun, elements (reviewed in 2 vate AP-1-dependent tra at Ser63 and Ser73 thro un is essential for embry ous tissues and developm ell development (6). AP- ifferentiation, and apopto be and context (7-9). Oth Research studies have i , acute inflammation, and	and ATF family L). Extracellular nscription. The bugh SAPK/JNK ogenesis (3), and nental processes, 1 regulated genes osis, as well as er target genes mplicated c-Jun as d rheumatoid
Background Refere	phos acce kina: 2. Da 3. Hi 4. Ra 5. Ba 6. Ri 7. La 8. SH 9. W 10. Ka 11. Ki 12. Da 13. M	sphorylation of Thr sesibility of the carb se that phosphoryla ochum, W. et al. (20 avis, R.J. (2000) Ce llberg, F. et al. (199 aivich, G. et al. (200 ehrens, A. et al. (200 ehrens, A. et al. (200 ehrens, S. and Bohma naulian, E. and Kar 'eiss, C. and Bohma aramouzis, M.V. et m, S. and Iwao, H. ass, C.R. and Choo orton, S. et al. (200	1 and Thr93 induce oxy-terminal sites t ates Thr91 and Thr 01) Oncogene 20, ell 103, 239-52. 3) Nature 365, 179- 04) Neuron 43, 57-6 002) EMBO J 21, 17 ehrens, A. (2007) J	es a change in the c o a protein phospha 03 <i>in vivo</i> is unknow 2401-12. *81. 57. *82-90. <i>Immunol</i> 178, 5690 ogene 18, 6158-62. ell Biol 4, E131-6. Cycle 3, 111-3. cer Res 5, 109-20. ol Sci 91, 177-81. armazie 63, 411-4. *6-86.		t enhances
Species Depativity	Speed	ico rocativity io date	arminad by tasting i	n at least and anora	ved application (e.g., we	otorn blot)

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

3/23/24, 10:55 AM	Phospho-c-Jun (Thr93) Antibody (#2993) Datasheet Without Images Cell Signaling Technology IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.
Applications Key	WB: Western Blotting
Cross-Reactivity Key	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected
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