#20201 SRC-1 (D1 store at -200	,					CHNOLOGY® 877-616-CELL (2355) orders@cellsignal.com 877-678-TECH (8324)	
202					Web:	info@cellsignal.com cellsignal.com	
		Dia una stia Dua sa		3 Trask	Lane Danvers Ma	assachusetts 01923 USA	
or Research Use Only Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:	
WB, ChIP	H M R Mĸ	Endogenous	180	Rabbit IgG	#Q15788	8648	
Product Usage Information	For This	For optimal ChIP results, use 10 μ I of antibody and 10 μ g of chromatin (approximately 4 x 10 ⁶ cells) per IP. This antibody has been validated using SimpleChIP [®] Enzymatic Chromatin IP Kits.					
	Ар	plication			Dilution		
	We	stern Blotting			1:1000		
	Ch	romatin IP			1:50		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
Specificity / Sensi	tivity SRC	C-1 (D1M3Y) Rabbit	mAb recognizes	endogenous levels of	total SRC-1 protein.		
Source / Purificati		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Ala12 of human SRC-1 protein.					
Background	SRC shar rece prot men (PR SRC surv vaso estr phos and men carc cano rhat	C-2 (TIF2/GRIP1/NC re significant structu eptors and other tran eins, SRC-1 and SR nbers can recruit oth MT1, CARM1) to tar proteins play impo rival, somatic cell gro opprotection (9). SRC ogen receptor and o sphorylation sites ha involve multiple kina nbers are associated inomas. According to cers (12), and SRC- adomyosarcoma and	toA-2), and SRC- ral homology and escriptional activa tC-3, function as ther histone acetyl rget promoters an rtant roles in mult both, mammary g t-1 and SRC-3 are ther transcription ave been identifie ase signaling path d with increased a to the literature, S 1/PAX3 and SRC d acute myeloid le	tors such as Stat3, NF histone acetyltransfera transferases (CBP/p30 d cooperate to enhand iple physiological proc gland development, fer e conduits for kinase-n al activators. Seven Si d, which are induced k hways (9-11). Researc activity of nuclear rece RC-3 is frequently am -2/MYST3 translocatio eukemia, respectively (TRAM-1/AIB1). All S transcription mediate -kB, E2F1, and p53 ases (5,6). In addition 00, PCAF) and historice expression of mail esses including cell male reproductive fur nediated growth fact RC-1 phosphorylatio by steroids, cytokines th has shown that all ptors in breast, prosi- plified or overexpress ons are found associ	RC family members ad by nuclear hormone (1-4). Two SRC n, all three family ne methyltransferases ny genes (5-8). The proliferation, cell nction, and or signaling to the in sites and six SRC-3 s, and growth factors three SRC family tate, and ovarian ssed in a number of	
Background Refe	2. N 3. Lc 4. Lc 5. S 6. C 7. K 8. C 9. W 10. R 11. Z 12. Tc	iraud, S. et al. (2002 a, S.Y. et al. (1998) buie, M.C. et al. (200 ee, S.K. et al. (1999) pencer, T.E. et al. (1 hen, H. et al. (1997) oh, S.S. et al. (2001 hen, D. et al. (2004) owan, B.G. et al. (2004) owan, B.G. et al. (2005) prres-Arzayus, M.L. et al. (2005)	J. Biol. Chem. 27 ()4) Mol. Cell Biol. ()40. Endocrinol. ()97) Nature 389, Cell 90, 569-580 () J. Biol. Chem. 2 Science 284, 21 ()40. Cell 15, 93 ()00) J. Biol. Chem. ()5) Cancer Res. 69 ()41. (2004) Cancer ()51. (2004) Cancer	3, 10831-10834. 24, 5157-5171. 13, 1924-1933. 194-198.			

Species Reactivity

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

1/1/24, 6:36 AM Western Blot Buffer	SRC-1 (D1M3Y) Rabbit mAb (#20301) 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 ChIP: Chromatin IP
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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