## Phospho-SRC-3 (Thr24) Antibody





Orders:	877-616-CELL (2355) orders@cellsignal.com
Support:	877-678-TECH (8324)
Web:	info@cellsignal.com cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: W, IF-IC	Reactivity: H	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 160	<b>Source/Isotype:</b> Rabbit	UniProt ID: #Q9Y6Q9	Entrez-Gene Id: 8202
Product Usage Information		<b>Application</b> Western Blotting Immunofluorescence	(Immunocytochem	istry)		<b>Dilution</b> 1:1000 1:200
Storage		Supplied in 10 mM soo 20°C. Do not aliquot th		), 150 mM NaCl, 100 μg/	/ml BSA and 50% gl	ycerol. Store at –
Specificity/Sen	sitivity			endogenous levels of SF loes not cross-react witl		
Source / Purific	ation	,	g Thr24 of the huma	munizing animals with a an SRC-3 protein. Antibo		
Background		SRC-2 (TIF2/GRIP1/NCC significant structural h receptors and other tr proteins, SRC-1 and SF members can recruit of methyltransferases (Pl many genes (5-8). The cell proliferation, cell s function, and vasopro signaling to the estrog sites and six SRC-3 pho cytokines, and growth shown that all three SI breast, prostate, and o overexpressed in a nu associated with rhabd Phosphorylation of Th SRC-3 translocates fro	oA-2), and SRC-3 (A nomology and funct anscriptional activa RC-3, function as his other histone acetyl RMT1, CARM1) to ta SRC proteins play i survival, somatic cel tection (9). SRC-1 ar gen receptor and ot osphorylation sites factors and involve RC family members ovarian carcinomas. mber of cancers (12 omyosarcoma and r24 of SRC-3 protein m the cytoplasm to	eceptor co-activator (SR CTR/pCIP/RAC3/TRAM-1. ion to stimulate transcr tors such as Stat3, NF-k stone acetyltransferases transferases (CBP/p300, rget promoters and coor mportant roles in multip I growth, mammary gla od SRC-3 are conduits fo her transcriptional activ have been identified, wi awatiple kinase signalin are associated with incu According to the literat 2), and SRC-1/PAX3 and 3 acute myeloid leukemia as can be induced by sti the nucleus where it inf ates gene expression (1	AIB1). All SRC fami iption mediated by B, E2F1, and p53 (1- (5,6). In addition, a , PCAF) and histone operate to enhance ole physiological pri- nd development, fe r kinase-mediated ators. Seven SRC-1 hich are induced by ng pathways (9-11). reased activity of nu ure, SRC-3 is freque SRC-2/MYST3 transl , respectively (13,14 mulation with EGF.	ly members share nuclear hormone -4). Two SRC Il three family expression of ocesses including male reproductive growth factor phosphorylation steroids, Research has uclear receptors in ently amplified or ocations are found 4).
Background Re	ferences	<ol> <li>Giraud, S. et al. (200</li> <li>Na, S.Y. et al. (1998)</li> <li>Louie, M.C. et al. (20</li> <li>Lee, S.K. et al. (1999)</li> <li>Spencer, T.E. et al. (1</li> <li>Chen, H. et al. (1997)</li> <li>Koh, S.S. et al. (2001)</li> <li>Chen, D. et al. (1999)</li> <li>Wu, R.C. et al. (2004)</li> <li>Rowan, B.G. et al. (2001)</li> <li>Torres-Arzayus, M.</li> <li>Wachtel, M. et al. (2001)</li> <li>Wachtel, M. et al. (2001)</li> </ol>	J. Biol. Chem. 273, 1 104) Mol. Cell Biol. 2 1097) Nature 389, 19 1097) Nature 389, 19 10 Cell 90, 569-580. 10 J. Biol. Chem. 276, 10 Science 284, 2174 10 Mol. Cell 15, 937-9 2000) J. Biol. Chem. 105) Cancer Res. 65, 1. et al. (2004) Cancer 2004) Cancer Res. 6 2003) Cancer Cell 3, 10 Cell 3, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 15, 10 Cell 16, 10 Cell 15, 10 Cell 15, 10 Cell 16, 10 Cell 15, 10 Cell 15, 10 Cell 16, 10 Cell 15, 10 Cell 16, 10 Ce	10831-10834. 4, 5157-5171. 3, 1924-1933. 94-198. -2177. 49. 275, 4475-4483. 7976-7983. <i>er Cell</i> 6, 263-274. 4, 5539-5545. 259-271.		

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

Western Blot Buffer	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	W: Western Blotting IF-IC: Immunofluorescence (Immunocytochemistry)		
Cross-Reactivity Key	H: Human		
Trademarks and Patents	Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.		
	All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.		
Limited Uses	Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.		
	Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.		