NCoR1 Antibody Cell Signaling 0rders: 877-616-CELL (2355)
orders@cellsignal.com Support: 877-678-TECH (8324) Web: info@cellsignal.com
cellsignal.com 0Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Duaduat Llagua				Rabbit	#075376	9611
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM so 20°C. Do not aliquot t		δ), 150 mM NaCl, 100 μg	/ml BSA and 50% gl	ycerol. Store at –
Specificity/Sensitivity		NCoR1 Antibody recognizes endogenous levels of total NCoR1 protein. This antibody does not cross- react with SMRT/NCoR2.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro1387 of human NCoR1 protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		acid and thyroid horn NCoR1 functions to tr receptors by serving a remodeling factors th deacetylation of core possesses multiple di additional componen between the RDs lies TFIIIB), which recruit (3). The C-terminal po each of which contair	none receptors) and anscriptionally siler as a large molecular at repress nuclear in histones surroundii stinct transcriptiona ts of the corepresso a pair of potent rep HDAC3 and histone rtion of NCoR1 con is a conserved CoRN	ptor corepressors are SI lits close paralog NCoR ince various unliganded, scaffold that bridges the receptor-mediated gene ing target promoters. Ince al repression domains (Ro or complex such as HDAG ressor motifs known as s to the repressor comp tains multiple nuclear re NR box (or L/I-X-X-I/V-I) r such as thyroid hormone	1 (nuclear receptor DNA bound non-ste receptors with m transcription, in pa deed, the N-termina RDs) reponsible for t Cs, mSin3, GPS2, an SANT motifs (SWI3, lex in order to enha eceptor interaction of notif that allow for l	corepressor) (1,2). eroidal nuclear ultiple chromatin rt, through Il portion of NCoR1 the recruitment of d TBL1/TBLR1. In ADA2, N-CoR, and nce HDAC3 activity domains (NDs), pinding to various
		NCoR1 but have also development and phy embyonic developme during mid-gestation demonstrated that th	provided significant vsiology. Although it nt, likely due to con , largely due to defe e NDs of NCoR1 are	only corroborated the we insight regarding the fu- has been observed tha pensation by <i>Smrt</i> , eml ects in erythropoesis and critical for its ability to and Liver X Receptor (LX	unction of NCoR1 in t loss of <i>Ncor1</i> does bryonic lethality ulti d thymopoesis (6). A function in a physio	mammalian not affect early mately results nother study
Background Refere	ences	4. Downes, M. et al. (1 5. Wong, C.W. and Pri 6. Jepsen, K. et al. (20	995) <i>Nature</i> 377, 39 Y.B. (2003) <i>Curr Top</i> 996) <i>Nucleic Acids</i> valsky, M.L. (1998) <i>I</i> 00) <i>Cell</i> 102, 753-63	97-404. Microbiol Immunol 274 Res 24, 4379-86. Aol Cell Biol 18, 5724-33.		
Species Reactivity		Species reactivity is d	etermined by testin	g in at least one approve	ed 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				
Cross-Reactivity Ke	ey	H: Human M: Mouse	R: Rat Mk: Monkey			

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.			