Brg1 (P680) Antibody	
Store at	Orders: 877-616-CELL (2355) orders@cellsignal.com
4	Support: 877-678-TECH (8324)
#3514	Web: info@cellsignal.com cellsignal.com
8	3 Trask Lane Danvers Massachusetts 01923 USA

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

Applications: W	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 220	Source/Isotype: Rabbit	UniProt ID: #P51532	Entrez-Gene Ic 6597		
Product Usage Information		Application Western Blotting			Dilution 1:1000			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity/Sen	sitivity	Brg1 (P680) Antibody detects endogenous levels of Brg1 protein.						
Source / Purific	ation	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to amino acids surrounding Pro680 of human Brg1. Antibodies are purified by Protein A and peptide affinity chromatography.						
Background		activation and repres strategies, through th or by histone tail mod dependent histone re the highly related pro with either Brg1 or hl activation, cell growth transcription through usually associated wi associated with trans vital role in the regula	sion. Modifications ne disruption of hist difications including emodelers is the SW betein hBRM (1). This BRM remains consta n, the cell cycle, and n enhancing transcr th transcriptional ac criptional repressio ation of gene transc	an essential componen can be made by at least one-DNA contacts by AT methylation and acetyla I/SNF complex, the cent SWI/SNF complex conta ant (1). SWI/SNF complex differentiation (1). Brg1. ptional activation of glu- tivation, Brg1/hBRM hav n, including HDACs, Rb, a ription during early mar uppressor and Brg1 is n	two evolutionarily α P-dependent chron ation. One of the fo ral catalytic subunit ins varying subunit kes have been show /hBRM have been s cocorticoid recepto ve also been found and Tif1β (3-5). Brg nmalian embryoge	conserved natin remodelers, ur classes of ATP- of which is Brg1 of s but its association of to regulate gene hown to regulate gene hown to regulate rs (2). Although in complexes 1/hBRM plays a nesis. In addition,		
Background Re	eferences		rcher, T.K. (2007) <i>Mo</i> <i>Genes Dev</i> 15, 603-1 2000) <i>Cell</i> 101, 79-89 2000) <i>J Biol Chem</i> 2 10ot, R.A. (2009) <i>Rep</i> 2008) <i>Epigenetics</i> 3,	75, 40463-70. <i>production</i> 137, 23-33. 64-8.	5, 162-7.			
Species Reactiv	/ity	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot B	uffer	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 Ke	ey	W: Western Blotting						
Cross-Reactivit	у Кеу	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				a writing signed by a leg ovided by CST, its affiliate				

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 any trademarks, trade names, logos, patent or copyright notices or markings, (d) use 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.