Revision 3			
RSK3 Antibody	T E	Cell Signaling	
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com	
	Support:	877-678-TECH (8324)	
#9343	Web:	info@cellsignal.com cellsignal.com	
#	3 Trask Lane Danvers Mass	achusetts 01923 USA	

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Applications: W, W-S	Reactivity: H	Sensitivity: Transfected Only	MW (kDa): 90	Source/Isotype: Rabbit	UniProt ID: #Q15349	Entrez-Gene Id 6196	
Product Usage Information		ApplicationDilutionWestern Blotting1:1000Simple Western™1:10 - 1:50					
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	RSK3 Antibody detects transfected levels of RSK3 protein. It does not cross-react with the RSK1 or RSK3 isoforms.					
Source / Purific	cation	3	dies are produced by immunizing animals with a synthetic peptide corresponding to ding Pro709 of human RSK3. Antibodies are purified by protein A and peptide affinity				
Background		characterized by two n for extracellular signal- kinase domain, includin RSK1-3 are activated vi	onidentical, functi regulated kinases ng Ser380, Thr359 a coordinated pho) are a family of widely e onal kinase domains (1) (ERKs) (2). Several sites l , Ser363, and Thr573, are sphorylation by MAPKs, esponse to many growth	and a carboxy-term both within and out e important for kina autophosphorylatio	inal docking site side of the RSK ase activation (3). on, and	
		and the kinase transloo ubiquitously in human Altered expression and	cates to the nucleu tissues and localiz mutations in the	al region of RSK3 contain is in serum-starved HeLz tes to developing neural corresponding gene are ible role for this kinase a	a cells (4). RSK3 is ex and sensory areas associated with bro	xpressed in the mouse (5). east cancer and in	
Background Re	eferences	1. Fisher, T.L. and Bleni 2. Smith, J.A. et al. (199 3. Dalby, K.N. et al. (199 4. Zhao, Y. et al. (1995) 5. Zeniou, M. et al. (200 6. Bignone, P.A. et al. (2	9) J Biol Chem 274 98) J Biol Chem 273 Mol Cell Biol 15, 4 92) Hum Mol Gene	, 2893-8. 3, 1496-505. 353-63. <i>t</i> 11, 2929-40.			
Species Reactiv	/ity	Species reactivity is det	ermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot B	uffer	IMPORTANT: For weste TBS, 0.1% Tween® 20 a		membrane with diluted shaking, overnight.	primary antibody i	ר 5% w/v BSA, 1X	
Applications K	ey	W: Western Blotting W	- S: Simple Westerr	™			
Cross-Reactivit	у Кеу	H: Human					
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