ICCV131							
e at -20C	RKIP (V177) Antibody		Cell Signaling				
Store a		Orders:	877-616-CELL (2355) orders@cellsignal.com				
		Support:	877-678-TECH (8324)				
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1		3 Trask Lane Danvers Massa	achusetts 01923 USA				

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

Applications: W	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 21	Source/Isotype: Rabbit	UniProt ID: #P30086	Entrez-Gene Id: 5037		
Product Usage Information		Application Western Blotting			Dilution 1:1000			
Storage		Supplied in 10 mM so 20°C. Do not aliquot t		5), 150 mM NaCl, 100 µg/	/ml BSA and 50% gl	ycerol. Store at –		
Specificity/Sensitivity		RKIP (V177) Antibody detects endogenous levels of total RKIP protein.						
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Val177 of human RKIP. Antibodies were purified by protein A and peptide affinity chromatography.						
Background		(PEBP) family that ass form a complex with I association between I competitively disrupts to MAP kinases (2). Th phosphorylation of RI RKIP with GRK2, which modules of the NF-kB interactions antagoni expression is associat	ociates with Raf-1 a Raf-1, MEK, and Erk Raf-1 and RKIP and s the Raf-1-MEK cor he inhibitory effect of KIP at Ser153 (3). Pk h prevents GRK2-de pathway, including ze cytokine-induced red with the inhibitio	ember of the phosphatic ind the MEK and MAP kir (2). Although MEK and E that of RKIP and MEK ar nplex and effectively ter of RKIP on MAP kinase si C phosphorylation on Se pendent internalization NF-KB-inducing kinase of activation of the NF-KB on of prostate cancer me of tumor metastasis thro	ases (1). RKIP has l irk can simultaneou e mutually exclusive minates signal tran gnaling is eliminate er153 also promote of GPCR (4). RKIP a (NIK), TAK1, IKKα ar pathway (5). Restor etastasis, implying f	been shown to usly bind RKIP, the e. Thus, RKIP smission from Raf-1 ed by PKC as the association of lso interacts with ind IKKβ (5). These ration of RKIP that RKIP may be a		
Background Re	eferences	1. Yeung, K. et al. (199 2. Yeung, K. et al. (200 3. Corbit, K.C. et al. (20 4. Lorenz, K. et al. (20 5. Yeung, K.C. et al. (20 6. Fu, Z. et al. (2003) <i>J</i>	00) <i>Mol Cell Biol</i> 20, 003) <i>J Biol Chem</i> 275 03) <i>Nature</i> 426, 574 001) <i>Mol Cell Biol</i> 2 ⁻	3079-85. 8, 13061-8. -9. 1, 7207-17.				
Species Reactiv	vity	Species reactivity is de	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 K	ey	W: Western Blotting						
Cross-Reactivit	ty Key	H: Human M: Mouse	R: Rat Mk: Monkey					
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