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e at -20C	SGK3 (D18D1) Rabbit mAb		Cell Signaling	
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For Research Use Onl	v Not for Use in	Diagnostic Procedures.
	y, NOUTOF OSC III	Diagnostici roccuares.

Applications: WB, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 61	Source/Isotype: Rabbit IgG	UniProt ID: #Q96BR1	Entrez-Gene Id: 23678	
Product Usage Information	We	pplication estern Blotting munoprecipitation			Dilution 1:1000 1:50		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
Specificity / Sensitivity		SGK3 (D18D1) Rabbit mAb recognizes endogeneous levels of total SGK3 protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Asp450 of human SGK3 protein.					
Background		K is rapidly induced in nulating hormone, osn K-dependent pathway vation of SGK has be ulation (4-6). SGK als nnels, suggesting its itability, and renal sod radation (7). K3 has been shown to sphorylation at Thr32 cer (8).	a response to a s notic shock, and vs and by integri en implicated in o plays an impo involvement in t lium excretion (2 o be a downstre 0 by PDK1 has	se (SGK) is a serine/thre variety of stimuli, includi I mineralocorticoids. SG in-mediated PI3K-indepr activating the modulation rtant role in activating of he regulation of process 2). SGK is negatively reg am signaling molecule in been suggested to be a	ng serum, glucocortico K activation can be ac endent pathways (2,3). on of anti-apoptotic and ertain potassium, sodiu ses such as cell surviva gulated by ubiquitinatic n the PI3K pathway. Its	id, follicle complished via HGF Induction and d cell cycle um, and chloride al, neuronal on and proteasome s activation and	
Background Refe	2. K 3. P 4. B 5. M 6. H 7. B	Vebster, M.K. et al. (19 Cobayashi, T. and Coh Park, J. et al. (1999) <i>E</i> Grunet, A. et al. (2001) Mikosz, C.A. et al. (200 Iayashi, M. et al. (200 Prickley, D.R. et al. (200 Yasudevan, K.M. et al.	en, P. (1999) Bi MBO J 18, 3024 Mol Cell Biol 2: 01) J Biol Chem 1) J Biol Chem 102) J Biol Chem	ochem J 339 (Pt 2), 31 4-33. 1, 952-65. 276, 16649-54. 276, 8631-4. n 277, 43064-70.	9-28.		
Species Reactivit	y Spec	cies reactivity is deter	mined by testing	g in at least one approve	ed application (e.g., we	stern blot).	
Western Blot Buffer			,	lots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, h gentle shaking, overnight.			
Applications Key	WB	: Western Blotting IP:	Immunoprecipi	tation			
Cross-Reactivity	X: X:		B: bovine Dg: de	Mk: monkey Vir: virus N og Pg: pig Sc: S. cerevi es expected		-	
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Limited Uses							

SGK3 (D18D1) Rabbit mAb (#8156) Datasheet Without Images Cell Signaling Technology

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