PITSLRE/CDK11 (D88B3) Rabbit mAb





Orders:	877-616-CELL (2355) orders@cellsignal.com
Support:	877-678-TECH (8324)
Web:	info@cellsignal.com cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: W, IP	Reactivity: H M Mk	Sensitivity: Endogenous	MW (kDa): 110	Source/Isotype: Rabbit IgG	UniProt ID: #P21127	Entrez-Gene Id: 984	
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50		
Storage		Supplied in 10 mM sodi 0.02% sodium azide. Sto			/ml BSA, 50% glycer	ol and less than	
Specificity/Sensitivity		PITSLRE/CDK11 (D88B3) Rabbit mAb recognizes endogenous levels of total PITSLRE/CDK11 protein. This antibody will detect the full-length (CDK11 ^{p110}) and is predicted to detect the alternate transcript (CDK11 ^{p58}) of PITSLRE/CDK11. The antibody is predicted to detect both PITSLREA/CDK11B and PITSLREB/CDK11A.					
Species predict based on 100% homology		Rat					
Source / Purific	ation	Monoclonal antibody is residues surrounding N			synthetic peptide co	prresponding to	
Background		PITSLRE, alternatively ki gene (1). <i>CDK11A</i> and <i>C</i> PITSLREA respectively, k PITSLRE/CDK11 (commo cycle whereas a smaller, expressed only during t formation (3-5). During caspases to generate p kinase domain of PITSL 8). Full length PITSLRE/C demonstrated by the ok RNPS1, 9G8/SRSF7 and 9G8/SRSF7 (9-11).	<i>DK11B</i> encode ne both belonging to only referred to as alternate transcri- he G2/M transition induction of apop 110C, an approxim RE/CDK11 that into CDK11 (CDK11 ^{p110} oservation that CD	arly identical serine/thro the p34 ^{CDC2} family of pr CDK11 ^{p110}) is expressed ipt (CDK11 ^{p58}), the resul n where it promotes cer tosis by Fas or TNF, or a nately 46 kDa protein the eracts with and inhibits) appears to participate WK11 ^{p110} interacts with n	eonine protein kina rotein kinases (2). Fu d ubiquitously throu t of internal riboson ntrosome maturatic noikis, PITSLRE/CDI at contains the cata p21-activated kinas in pre-mRNA splicir umerous splicing fa	ses, PITSLREB and ull-length ughout the cell mal entry, is n and spindle K11 is cleaved by lytically active e (PAK1) activity (6- ng events. This is actors including	
Background Re	eferences	1. Gururajan, R. et al. (1 2. Xiang, J. et al. (1994) 3. Cornelis, S. et al. (200 4. Petretti, C. et al. (200 5. Wilker, E.W. et al. (200 6. Chen, S. et al. (2003) 7. Lahti, J.M. et al. (1995 8. Ariza, M.E. et al. (1995 9. Hu, D. et al. (2003) <i>J B</i> 10. Loyer, P. et al. (1998) 11. Dickinson, L.A. et al.	Biol Chem 269, 19 0) Mol Cell 5, 597- 5) EMBO Rep 7, 41 7) Nature 446, 329 1 Biol Chem 278, 20 1 Mol Cell Biol 15, 6) J Biol Chem 274, 100 Chem 278, 862 J Cell Sci 111 (Pt	5786-94. 605. 8-24. 9-32. 0029-36. 1-11. , 28505-13. (3-9. 11), 1495-506.			
Species Reactiv	/ity	Species reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot B	uffer	IMPORTANT: For wester TBS, 0.1% Tween® 20 at			primary antibody ii	ר 5% w/v BSA, 1X	
Applications Ke	ey	W: Western Blotting IP:	Immunoprecipita	tion			

Cross-Reactivity Key	H: Human M: Mouse 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.