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	2	Application Western Blotting Immunoprecipitation			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/Ser	nsitivity	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 predic based on 100% homology		Rat				
Source / Purifi	cation			nunizing animals with a s PITSLRE/CDK11 protein.		prresponding to
Background		gene (1). <i>CDK11A</i> and PITSLREA respectively, PITSLRE/CDK11 (comn cycle whereas a smalle expressed only during formation (3-5). During caspases to generate kinase domain of PITS 8). Full length PITSLRE demonstrated by the o	<i>CDK11B</i> encode ne both belonging to nonly referred to as er, alternate transci the G2/M transition g induction of apop p110C, an approxir LRE/CDK11 that int /CDK11 (CDK11 ^{p110} observation that CI	ion kinase 11 (CDK11), is early identical serine/thr the p34 ^{CDC2} family of pi s CDK11 ^{p110}) is expresse ript (CDK11 ^{p58}), the resul on where it promotes cer ptosis by Fas or TNF, or a nately 46 kDa protein th teracts with and inhibits appears to participate DK11 ^{p110} interacts with r CDK11 ^{p110} can phosphor	eonine protein kina: rotein kinases (2). Fu d ubiquitously throu lt of internal ribosor ntrosome maturatio noikis, PITSLRE/CDI at contains the cata p21-activated kinas in pre-mRNA splicir numerous splicing fa	ses, PITSLREB and ull-length ughout the cell mal entry, is in and spindle K11 is cleaved by lytically active e (PAK1) activity (6- ng events. This is actors including
Background R	eferences	1. Gururajan, R. et al. (2. Xiang, J. et al. (1994) 3. Cornelis, S. et al. (20 4. Petretti, C. et al. (20 5. Wilker, E.W. et al. (20 6. Chen, S. et al. (2003) 7. Lahti, J.M. et al. (199 8. Ariza, M.E. et al. (199 9. Hu, D. et al. (2003) / 10. Loyer, P. et al. (199 11. Dickinson, L.A. et a) <i>J Biol Chem</i> 269, 1)00) <i>Mol Cell</i> 5, 597 06) <i>EMBO Rep</i> 7, 4')07) <i>Nature</i> 446, 32) <i>J Biol Chem</i> 278, 2)5) <i>Mol Cell Biol</i> 15, 99) <i>J Biol Chem</i> 274 <i>Biol Chem</i> 278, 862 8) <i>J Cell Sci</i> 111 (Pt	5786-94. -605. 18-24. 9-32. 0029-36. 1-11. , 28505-13. 23-9. 11), 1495-506.		
Species Reacti	vity	Species reactivity is de	termined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot E	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ir	ר 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting I	?: Immunoprecipita	ation		
Cross-Reactivi	ty Key	H: Human M: Mouse N	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 purpose, 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 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.			