-20C

Store at

12304

#1





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	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 78, 82	Source/Isotype: Rabbit IgG	<b>UniProt ID:</b> #Q96B97	Entrez-Gene Id: 30011	
Product Usage Information		<b>Application</b> Western Blotting Immunoprecipitation			<b>Dilution</b> 1:1000 1:200		
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		CIN85 (D1A4) Rabbit mAb recognizes endogenous levels of total CIN85 protein. This antibody also detects CIN85 isoform b (CD2BP3) and CIN85 isoform c. This antibody does not cross-react with CMS/CD2AP.					
Species predic based on 100% homology	ted to react sequence	Rat, Hamster, Bovine, I	Dog, Pig				
Source / Purifi	cation	Monoclonal antibody is residues surrounding l	s produced by imn Lys485 of human (	nunizing animals with a s IN85 protein.	synthetic peptide co	prresponding to	
Background		CIN85 was independer ubiquitous kinase) (2), SH3KBP1 (SH3 domain from either human (CI and 97% sequence ide promoter usage and a regulated manner to g protein isoforms (5). Th proline-rich region har containing proteins, a region for oligomeriza truncated proteins lack suggest that CIN85 is p these sites in regulatio belongs to the CD2AP/ molecules such as c-Ct activity of multiple sigr required for the regula signal transduction (13)	ntly identified as C SETA (SH3 domain kinase binding pr N85), rat (Ruk and ntity, suggesting ti lternative splicing generate a complex he main isoform in rboring several P-X PEST sequence im tion (1,2,5,6). The c king one, two, or a ohosphorylated at on of intra- and inte (CMS family of ada ol, Cbl-b, BLNK, p8 haling cascades. In ation of a variety of 8,14), and cytoskelo	bl-interacting protein of -containing gene express otein 1) (4). The genes er SETA), or mouse (SH3KB hat they represent homo is thought to occur in a to expression pattern of v humans, CIN85, contain -X-P motifs that provide plicated in CIN85 degrad other molecular variants Il three of the SH3 doma multiple sites and the ro ermolecular interactions ptor proteins and has be 5/PI3K, GRB2, p130 Cas, deed, a growing body of f cellular processes inclu-	85 kDa (1), Ruk (reg sed in tumorigenic neoding these prote P1) sources and sha ologues of one gene issue specific and c arious transcripts a ns three N-terminal recognition sites fo lation, and a C-term of CIN85 are short ins (1,5,6-8). Proteco ole of phosphorylati of CIN85 cannot be ten shown to intera and endophilins to evidence suggests ding vesicle-mediat	ulator of astrocytes) (3), and eins were isolated are between 92% e. Differential developmentally nd encoded SH3 domains, a r SH3 domain- ninal coiled-coil er, N-terminally mic screens on of some of e excluded. CIN85 ct with signaling coordinate the that CIN85 is red transport (9-12),	
Background R	eferences	<ol> <li>Take, H. et al. (2000)</li> <li>Gout, I. et al. (2000)</li> <li>Borinstein, S.C. et al.</li> <li>Narita, T. et al. (2001)</li> <li>Buchman, V.L. et al.</li> <li>Tibaldi, E.V. and Rein</li> <li>Bögler, O. et al. (2000)</li> <li>Finniss, S. et al. (2000)</li> <li>Havrylov, S. et al. (2001)</li> <li>Kowanetz, K. et al.</li> <li>Petrelli, A. et al. (2001)</li> <li>Soubeyran, P. et al.</li> <li>Borthwick, E.B. et al</li> <li>Peruzzi, G. et al. (2001)</li> </ol>	Biochem Biophys EMBO J 19, 4015-2 (2000) Cell Signal (2002) Gene 295, 1 (2002) Gene 295, 1 (2002) Gene 295, 1 (2002) Gene 295, 1 (2003) Jraffic 9, 798-8 (2004) Mol Biol Cen (2004) Mol Biol Cen (2002) Nature 416, 18 (2002) J Mol Biol (2007) J Immunol 17 (2003) J Cell Sci 1	Res Commun 268, 321-8 5. 12, 769-79. enet 93, 133-4. 3-17. <i>Immunol</i> 15, 313-29. 5-15. <i>Is Res Commun</i> 325, 174 312. 1/15, 3155-66. 17-90. , 183-7. 343, 1135-46. 9, 2089-96. 16, 2845-55.	-82.		

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).		
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.		
Applications Key	W: Western Blotting IP: Immunoprecipitation		
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 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.		