

Applications: W, IP	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 64	Source/Isotype: Rabbit	UniProt ID: #Q9UJX2	Entrez-Gene Id: 8697	
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:100		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.					
Specificity/Sensitivity		APC8 Antibody recognizes endogenous levels of total APC8 protein.					
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human APC8 protein. Antibodies are purified by protein A and peptide affinity chromatography.					
Background		promoting complex/cy from metaphase to and substrate proteins in o vertebrate APC/C comp catalytic subunits (APC E3 enzymes, including enzymes. Research stu RING-finger domain-cc including an APC/C coa Cdh1/FZR1. The CDC20 interaction with specifi Anaphase-promoting c (TPR) APC/C sub-compl with APC3 and APC6 to (10,11). Research studi	closome (APC/C), v aphase. The APC/C rder to target thes olex consists of as 2, APC11), and a m APC/C, utilize ubiq dies indicate that / ontaining subunit / activator formed by ACC activator c D-box and KEN-b complex subunit 8 lex that also includ o facilitate recruitm es suggest that AP	tly upon the E3 ubiquiti whose main function is to complex promotes the e proteins for degradati many as 15 subunits, inc umber of proteins respo uitin residues activated APC/C interacts with the APC/I (4-6). APC/C funct y the cell division contro is responsible for recog iox recognition elements (APC8, CDC23) is a comp es APC3 (CDC27) and AF ent of the APC/C coactiv C8 protein is overexpress le progression and cell g	o trigger the transit assembly of polyub on by the 26S prote cluding multiple sca nsible for substrate by E1 enzymes and E2 enzymes UBE2S ion relies on multip I protein 20 homolo is within these subst conent of the tetrate C6 (CDC16). APC8 p ration subunits CDC sed in papillary thy	ion of the cell cycle iquitin chains on asome (1,2). The ffold proteins, two recognition (3). All transferred to E2 and UBE2C via the le cofactors, g (CDC20) and strates through trates (7-9). ricopeptide repeat protein associates 20 and Cdh1/FZR1	
Background R	eferences	1. Qiao, X. et al. (2010) 2. Harper, J.W. et al. (20 3. Chang, L. et al. (2014 4. Carroll, C.W. and Mo 5. Gmachl, M. et al. (20 6. Leverson, J.D. et al. (20 7. Kraft, C. et al. (2005) 8. Glotzer, M. et al. (199 9. Pfleger, C.M. and Kir: 10. Matyskiela, M.E. an 11. Thornton, B.R. et al 12. Zhang, L. et al. (201	02) Genes Dev 16, 4) Nature 513, 388- rgan, D.O. (2002) N 00) Proc Natl Acad 2000) Mol Biol Cell Mol Cell 18, 543-5: 91) Nature 349, 132 schner, M.W. (2000 d Morgan, D.O. (20 1. (2006) Genes Dev	2179-206. 93. <i>lat Cell Biol</i> 4, 880-7. <i>l Sci U S A</i> 97, 8973-8. 11, 2315-25. 3. 2-8.) <i>Genes Dev</i> 14, 655-65. 099) <i>Mol Cell</i> 34, 68-80. 720, 449-60.			
Species Reactiv	vity	Species reactivity is def	termined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot E	Buffer	IMPORTANT: For weste TBS, 0.1% Tween® 20 a		membrane with diluted shaking, overnight.	primary antibody ii	ר 5% w/v BSA, 1X	
Applications K	ey	W: Western Blotting IP	: Immunoprecipita	ation			
Cross-Reactivi	ty Key	H: Human Mk: Monkey	1				

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