APC6 (D8D8) Rabbit mAb		Cell Signaling	
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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 72	Source/Isotype: Rabbit IgG	UniProt ID: #O13042	Entrez-Gene Id: 8881	
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, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				ol and less than	
Specificity/Sensitivity		APC6 (D8D8) Rabbit mAb recognizes endogenous levels of total APC6 protein. Based upon sequence alignment, this antibody is not predicted to cross-react with either APC8/CDC23 or APC3/CDC27.					
Species predic based on 100% homology		Bovine, Dog, Pig					
Source / Purifi	cation	Monoclonal antibody residues near the cark		nunizing animals with a s Iman APC6 protein.	synthetic peptide co	prresponding to	
Background		promoting complex/cy from metaphase to an substrate proteins in c vertebrate APC/C com catalytic subunits (APC E3 enzymes, including enzymes. Research str RING-finger domain-c including an APC/C co Cdh1/FZR1. The CDC2/ interaction with specif Anaphase-promoting (TPR) sub-complex of t play an important role evidence suggests tha	vclosome (APC/C), we haphase. The APC/C proder to target these plex consists of as 22, APC11), and a n a APC/C, utilize ubique indicate that a containing subunit / activator formed by 0/Cdh1 coactivator for co-box and KEN-t complex subunit 6 the APC/C, which in the recruitment of the phosphorylation	ttly upon the E3 ubiquiti whose main function is t complex promotes the e proteins for degradati many as 15 subunits, in umber of proteins respo uitin residues activated APC/C interacts with the APC11 (4-6). APC/C funct y the cell division contro is responsible for recog tox recognition elements (APC6, CDC16) is a comp cludes APC8/CDC23 and cludes APC8/CDC23 and of the APC/C activators, of APC6 and the other T on between TPR subuni	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 nition of APC/C sub s within these subst conent of the tetrati APC3/CDC27. This , CDC20 and Cdh1 (PR subunits during	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 sub-complex may 10). Additional mitosis plays a	
Background R	eferences	1. Qiao, X. et al. (2010) 2. Harper, J.W. et al. (20 3. Chang, L. et al. (201 4. Carroll, C.W. and Mc 5. Gmachl, M. et al. (20 6. Leverson, J.D. et al. (20 7. Kraft, C. et al. (2005) 8. Glotzer, M. et al. (19 9. Pfleger, C.M. and Kin 10. Schreiber, A. et al. (2005)	202) Genes Dev 16, 4) Nature 513, 388- organ, D.O. (2002) M 200) Proc Natl Acad (2000) Mol Biol Cell (2000) Mol Biol Cell Mol Cell 18, 543-5 91) Nature 349, 132 rschner, M.W. (2000 (2011) Nature 470,	2179-206. 93. <i>Vat Cell Biol</i> 4, 880-7. <i>Sci U S A</i> 97, 8973-8. 11, 2315-25. 3. 2-8.) <i>Genes Dev</i> 14, 655-65. 227-32.			
Species Reacti	vity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot I	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ir	ר 5% w/v BSA, 1X	

Applications Key	W: Western Blotting IP: Immunoprecipitation
Cross-Reactivity Key	H: Human M: Mouse R: Rat Mk: Monkey
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