APC10 Antibody

#14807 Store at -20C

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

Applications: WB	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 24	Source: Rabbit	UniProt ID: #Q9UM13	Entrez-Gene Id: 10393
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		upplied in 10 mM sodiu D°C. Do not aliquot the		5), 150 mM NaCl, 10	00 μg/ml BSA and 50% gl	ycerol. Store at –
Specificity / Sensit	t ivity Al	PC10 Antibody recogn	izes endogenous l	evels of total APC10) protein.	
Species predicted react based on 100 sequence homolog)%	hicken, Bovine, Pig				
Source / Purificatio	re	,	terminus of huma	0	h a synthetic peptide corr ntibodies are purified by p	1 0
Background	cc m pr Al su er er Rl ar Cl ar An An	perplex/cyclosome (AP etaphase to anaphase roteins in order to targe PC/C complex consists ubunits (APC2, APC11 nzymes, including APC nzymes. Research stud ING-finger domain-com n APC/C coactivator fo DC20/Cdh1 coactivato becific D-box and KEN- naphase-promoting co	C/C), whose main . The APC/C comp et these proteins for s of as many as 15), and a number of /C, utilize ubiquitin dies indicate that A taining subunit AP rmed by the cell di r is responsible for box recognition el mplex subunit 10 (nplex/cyclosome (function is to trigger blex promotes the as r degradation by the subunits, including proteins responsibl residues activated PC/C interacts with C11 (4-6). APC/C fu vision control protei recognition of APC ements within these APC10, DOC1) is a 10,11). Research st	itin ligase activity of the a the transition of the cell sembly of polyubiquitin of 26S proteasome (1,2). T multiple scaffold proteins e for substrate recognitio by E1 enzymes and trans the E2 enzymes UBE2S unction relies on multiple n 20 homolog (CDC20) a /C substrates through inte substrates (7-9). highly conserved, core c udies indicate that APC10	cycle from thains on substrate The vertebrate s, two catalytic n (3). All E3 sferred to E2 and UBE2C via the cofactors, including nd Cdh1/FZR1. The eraction with omponent of the
Background Refer	2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Qiao, X. et al. (2010) (Harper, J.W. et al. (20 Chang, L. et al. (2014) Carroll, C.W. and Mor Gmachl, M. et al. (2005) Leverson, J.D. et al. (2005) Glotzer, M. et al. (2005) Glotzer, M. et al. (199) Pfleger, C.M. and Kirs Kurasawa, Y. and Tod Grossberger, R. et al. Carroll, C.W. et al. (20 Passmore, L.A. et al. (20	02) Genes Dev 16) Nature 513, 388- gan, D.O. (2002) M 00) Proc Natl Acad 2000) Mol Biol Cel Mol Cell 18, 543-5 1) Nature 349, 132 chner, M.W. (2000 okoro, K. (1999) C (1999) J Biol Cher 005) Curr Biol 15, 1	, 2179-206. 93. <i>Sci U S A</i> 97, 8973 / 11, 2315-25. 3. 2-8.) <i>Genes Dev</i> 14, 65 <i>incogene</i> 18, 5131- <i>n</i> 274, 14500-7. 1-8.	-8. 5-65.	

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

1/1/24, 6:11 AM Western Blot Buffer	APC10 Antibody (#14807) Datasheet Without Images Cell Signaling Technology IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.
Applications Key	WB: Western Blotting
Cross-Reactivity Key	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected
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