e at -20C	UBE2N/Ubc13 (D2A1) Rabbit mAb	T C	Cell Signaling TECHNOLOGY®	
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	y, Not for 03c in Diagnostic i roccut	1103.

Applications: WB, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 17	Source/Isotype: Rabbit IgG	UniProt ID: #P61088	Entrez-Gene Id: 7334
Product Usage Information	We	plication stern Blotting nunoprecipitation			Dilution 1:1000 1:100	
Storage				7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than
Specificity / Sensit		2N/Ubc13 (D2A1) R body does not cross-		nizes endogenous leve D family members.	els of total UBE2N/Ubc	13 protein. This
Species predicted react based on 100 sequence homolog	0%	ken, Xenopus, Boviı	ne, Dog, Horse			
Source / Purificatio		, ,		unizing animals with a siman UBE2N/Ubc13 pro		esponding to
Background	(1). (seve form alter cata exer of ta reco endo pron Furt	Ubiquitin (Ub) can be eral different lysine re ation. Different poly- ations in protein fun- lyzes K63-linked pol t its E2 ligase function rget protein ubiquitin mbination, p53 and pocytosis (13). Most re noting K63-linked ub	e conjugated to t esidues within Ul- Ub linkages mer ction to degradal y-Ub chain form on. The UBE2N/ hation to mediate check point cont ecently, UBE2N iquitination and of UBE2N with t	ttranslational modificati arget proteins in either o that can be used as cr diate different functions tion (2). UBE2N/Ubc13 ation (1,2). UBE2N form MMS2 and UBE2N/Uev various signaling path rol, the cell cycle (6-10) was shown to play an ir activation of IKK downs he Triad1 E3 protein-ub	monomeric or polymer onjugation sites for poly of the target protein ra- is a ubiquitin-E2-conju as a heterodimer with N 1A heterodimers catal ways (3-5) including: D , immunoreceptor sign nportant role in inflam tream of the IL-1β rece	ric forms. There are ly-Ub chain anging from gating enzyme that MMS2 or Uev1A to yze different modes DNA damage and haling (11,12), and matory signaling by eptor (14).
Background Refere	2. W 3. Hu 4. Du 5. Ar 6. Zh 7. Ku 8. La 9. Hu 10. Lo 11. Ya 12. Ya 13. Du 14. Xu	errmann, J. et al. (20 'ilkinson, K.D. et al. (ofmann, R.M. and Pi eng, L. et al. (2000) ndersen, P.L. et al. (2007) olas, N.K. et al. (2007) olas, N.K. et al. (2007) uen, M.S. et al. (2000) uen, M.S. et al. (2000) oring, G.L. et al. (2000) oring, G.L. et al. (2000) amamoto, M. et al. (2000) J. M. et al. (2009) Marteijn, J.A. et al. (2000)	(2005) EMBO Re ickart, C.M. (199 Cell 103, 351-61 2005) J Cell Biol 7) Mol Cell 25, 66 7) Science 318, Mol Cell Biol 26, 8) Mol Cell Biol 26, 8) Mol Cell Biol 26 98) Cell Cycle 7, 2006) Nat Immunol 2006) J Immunol 2006) J Immunol 2006) EMBO J 25 ol Cell 36, 302-1	22 6, 815-20. 9) <i>Cell</i> 96, 645-53. 170, 745-55. 637-5. 1637-40. 8901-13. 28, 6104-12. 96-105. nol 7, 962-70. 177, 7520-4. , 1635-45. 4.		

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

1/1/24, 9:27 AM Western Blot Buffer	UBE2N/Ubc13 (D2A1) Rabbit mAb (#6999) 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 IP: Immunoprecipitation
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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