UBE2T (D2L7H) Rabbit mAb





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Applications: W, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 25	Source/Isotype: Rabbit IgG	UniProt ID: #Q9NPD8	Entrez-Gene Id: 29089	
Product Usage Information	•	Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50		
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/Sen	sitivity	UBE2T (D2L7H) Rabbit mAb recognizes endogenous levels of total UBE2T protein.					
Source / Purifi	cation	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding His150 of human UBE2T protein.					
Background		Protein ubiquitination requires the concerted action of the E1, E2, and E3 ubiquitin-conjugating enzymes. Ubiquitin is first activated through ATP-dependent formation of a thiol ester with ubiquitin- activating enzyme E1. The activated ubiquitin is then transferred to a thiol group of ubiquitin-carrier enzyme E2. The final step is the transfer of ubiquitin from E2 to an ε -amino group of the target protein lysine residue, which is mediated by ubiquitin-ligase enzyme E3 (1).					
		ubiquitin tagging of ta important role in the F repair through this pat monoubiquitination, le pathway (2-4). Additior	rget proteins for d anconi anemia pat thway. Interaction eading to UBE2T in nal research details) is an E2 family membe egradation. Research str hway and that UBE2T ex between UBE2T and FAN activation and negative s upregulation of UBE2T ossible involvement in th	udies indicate that L opression is required ICL appears to stim regulation of the Fa expression in breas	JBE2T plays an d for normal DNA ulate UBE2T auto nconi anemia t cancer cells and	
Background R	eferences	1. Hershko, A. (1988) <i>J</i> 2. Machida, Y.J. et al. (2 3. Ramaekers, C.H. et a 4. Zhang, Y. et al. (2007 5. Ueki, T. et al. (2009) 6. Hao, J. et al. (2008) 7	2006) <i>Mol Cell</i> 23, 5 al. (2011) <i>Radiothe</i> 7) <i>J Genet Genomic</i> <i>Cancer Res</i> 69, 875	89-96. r <i>Oncol</i> 101, 190-7. s 34, 573-80. s2-60.			
Species Reacti	vity	Species reactivity is de	termined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot E	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 K	ey	W: Western Blotting IP: Immunoprecipitation					
Cross-Reactivi	ty Key	H: Human					
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