

RBL1 (D3P3C) Rabbit mAb



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Applications: R W, IP	eactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 121	Source/Isotype: Rabbit IgG	UniProt ID: #P28749	Entrez-Gene Id 5933
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:200	
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycero 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				rol and less than	
Specificity/Sensitivity		RBL1 recognizes endogenous levels of total RBL1 protein. This antibody does not cross-react with the Rb or RBL2 proteins.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro341 of human RBL1 protein.				
Background		retinoblastoma-like profamily proteins are refregion that interacts with tyrosine kinase, and pactive Rb proteins hypinhibit cell cycle progrhyperphosphorylated phase cyclin A-cdk2 cobinding and allows for regulating the cell cycle senescence, apoptosis	rotein 1 (RBL1, p10) ferred to as "pocke" vith critical regulate proteins containing pophosphorylate ar ession (1,2). Upon and inactivated by pmplexes (1,2). Hyp r transcriptional act le, Rb proteins regulate rotein 1 (RBL1, p10)	or family includes the really, and retinoblastoma-list proteins" because they bry proteins, including Eaconserved LXCXE moting by the branch of the branch o	ke protein 2 (RBL2, contain a conserve 2F family transcript f (1,2). In quiescent ion factors to represof quiescent cells, I 6, G1/S-phase cyclip proteins results in ogression (1,2). In a lity, induction, and (3).	p130). These Rb ed binding pocket ion factors, c-Abl confectors, c
		required for progressi	ion into S phase an	2F target genes to repre d mitosis (4-6). Hypopho of senescent cells (7,8).		
Background Refere	ences	 Du, W. and Pogoriler, J. (2006) Oncogene 25, 5190-200. Giacinti, C. and Giordano, A. (2006) Oncogene 25, 5220-7. Indovina, P. et al. (2013) J Cell Physiol 228, 525-35. Moberg, K. et al. (1996) Mol Cell Biol 16, 1436-49. Takahashi, Y. et al. (2000) Genes Dev 14, 804-16. Smith, E.J. et al. (1996) Mol Cell Biol 16, 6965-76. Kapić, A. et al. (2006) Cell Death Differ 13, 324-34. Helmbold, H. et al. (2009) Oncogene 28, 3456-67. 				
Species Reactivity		Constant to the		g in at least one approve	1 1 1 1 1	

Species Reactivity

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

Western Blot Buffer

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

W: Western Blotting IP: Immunoprecipitation

Cross-Reactivity Key

H: Human Mk: Monkey

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