e at -20C	VPRBP (D5K5V) Rabbit mAb				
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
66		Support:	877-678-TECH (8324)		
L4966		Web:	info@cellsignal.com cellsignal.com		
#1	3	3 Trask Lane Danvers	Massachusetts 01923 USA		

For Besserah Lles Only	Alot for Lloo in	Diagnostia Dragoduros
FOR Research Use Unit	y. NOU IOF USE IN	Diagnostic Procedures.

Applications: WB	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 170	Source/Isotype: Rabbit IgG	UniProt ID: #Q9Y4B6	Entrez-Gene Id: 9730	
Product Usage Information	-	plication estern Blotting			Dilution 1:1000		
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 / Sensitivity		VPRBP (D5K5V) Rabbit mAb recognizes endogenous levels of total VPRBP protein.					
Species predicted to react based on 100% sequence homology:		Hamster, Pig					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Phe1184 of human VPRBP protein.					
Background	CUI stru tern play the mar Add whie	L4-based ubiquitin lig cture contains a cen ninal WD-40 motifs ir vs a role in hepatic lig TR4 nuclear recepto nmalian germ cell de litional studies show ch blocks tumor supp	gase complex that tral LIS1 homolo hvolved in Vpr an- bid metabolism b r, which is involve evelopment throu that VPRBP exhoressor gene tran	rotein (VPRBP, DCAF1) at consists of CUL4A, RI gy (LisH) motif responsi d DDB1 binding (2-4). F y promoting the ubiquiti ed in lipid homeostasis gh regulation of TET me ibits kinase activity and iscription (7). The tumo d suppression of the Cl	3X1, and DDB1 (1). VI ble for dimerization, ar Research studies demo n-dependent proteason (5). The VPRBP protei ethylcytosine dioxygen phosphorylates histon	PRBP protein nd two carboxy- onstrate that VPRBP mal degradation of in plays a role in ase activation (6). e H2A at Ser120, 2 inhibits	
Background Refe	2. L 3. Z 4. L 5. Y 6. Y 7. K	ee, J. and Zhou, P. (e Rouzic, E. et al. (2 hang, S. et al. (2001 e Rouzic, E. et al. (2 ioshizawa, T. et al. (2 iu, C. et al. (2013) <i>Sc</i> im, K. et al. (2013) <i>N</i> i, W. et al. (2010) <i>Ce</i>	007) Cell Cycle 6) Gene 263, 131 008) J Biol Chen 014) Cell Metab cience 342, 1518 40l Cell 52, 459-6	5, 182-8. -40. 7 283, 21686-92. 19, 712-21. -21.			
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 nonfat dry milk, 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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Limited Uses

VPRBP (D5K5V) Rabbit mAb (#14966) Datasheet Without Images Cell Signaling Technology

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