e at -20C	IQGAP1 (D6E3J) Rabbit mAb				
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
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¢29016		Web:	info@cellsignal.com cellsignal.com		
#	3 Ti	ask Lane   Danvers   Ma	ssachusetts   01923   USA		

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

Applications: WB, IP, IF-IC	Reactivity: H M R Mk	Sensitivity: Endogenous	<b>MW (kDa):</b> 195	Source/Isotype: Rabbit IgG	<b>UniProt ID:</b> #P46940	Entrez-Gene Id: 8826		
Product Usage	A	pplication				Dilution		
Information	W	estern Blotting				1:1000		
	In	nmunoprecipitation				1:100		
	In	nmunofluorescence (Ir	nmunocytochen	nistry)		1:800		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity / Sensitivity		IQGAP1 (D6E3J) Rabbit mAb recognizes endogenous levels of total IQGAP1 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Val1272 of human IQGAP1 protein.						
Background Background Refer	intt cal sm sta dis inte pol the prin tes kn tes kn tes rences 1. I 3. I 3. I 4. V 5. I 6. 0 7. 3 8. I 9. V 10. 5	eraction domains and Imodulin, E-cadherin, a nall GTPases Rac1 an abilizing their GTP-bou stribution of the IQGAF eract with APC (4) and larization and migratio e invasiveness of some marily in liver (3), but I stis (9,10). Research s own about the function stis (9) and is only exp Briggs, M.W. and SacI Ho, Y.D. et al. (1999) Brill, S. et al. (1996) <i>M</i> Watanabe, T. et al. (2002	bind to a growin and $\beta$ -catenin (r d cdc42. IQGAP ind (active) form P proteins widely d the CLIP170 cd n. Additional res e cancers (6-8). lower levels have tudies have sho n of IQGAP3, bu ressed in prolife ks, D.B. (2003) <i>I</i> <i>Biol Chem</i> 274 <i>District Chem</i> 274 <i>D</i>	, 464-70. 4869-78. 871-83. 85. <i>Gastrointest Liver Phys</i> 2, 1040-6. 6, 6009-18. 567-77. 3021-8.	including actin, myosi their GAP-related don vever, and regulate sn es have shown that the tously expressed and o small GTPases, pro- gested that IQGAP1 of t 60% identical to IQG prostate, kidney, thyro is tumor suppressor p in the lung, brain, sma ting a role in cell grov	n light chain, nains, they bind the nall GTPases by e function and has been found to moting cell could play a part in GAP1, is expressed id, stomach, and roperties (7). Less is all intestine, and		
Species Reactivity Western Blot Buffer		Species reactivity is determined by testing in at least one approved application (e.g., western blot).						
		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 IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)						
Cross-Reactivity F	X:>	<ul> <li>H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster</li> <li>X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse</li> <li>GP: Guinea Pig Rab: rabbit All: all species expected</li> </ul>						

Trademarks and Patents IQGAP1 (D6E3J) Rabbit mAb (#29016) Datasheet Without Images Cell Signaling Technology

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