e at -20C	IQGAP2 (D1X8U) Rabbit mAb	Ab	
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com
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130		Web:	info@cellsignal.com cellsignal.com
#		3 Trask Lane   Danver	s   Massachusetts   01923   USA

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

Applications: WB	Reactivity: H	Sensitivity: Endogenous	<b>MW (kDa):</b> 180	Source/Isotype: Rabbit IgG	UniProt ID: #Q13576	Entrez-Gene Id: 10788		
Product Usage Information	-	oplication 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		IQGAP2 (D1X8U) Rabbit mAb recognizes endogenous levels of total IQGAP2 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human IQGAP2 protein.						
Background	inte cal sm sta disi inte pol the prir tes kno tes <b>rences</b> 1. E 2. F 3. E 4. V 5. F 6. C 7. J 8. L 9. V	eraction domains and modulin, E-cadherin all GTPases Rac1 a bilizing their GTP-bo tribution of the IQGA eract with APC (4) ar arization and migrati invasiveness of som marily in liver (3), but tis (9,10). Research own about the function tis (9) and is only ex Briggs, M.W. and Sa Ho, Y.D. et al. (1999) Brill, S. et al. (1996) Watanabe, T. et al. (200	d bind to a growin , and $\beta$ -catenin (r nd cdc42. IQGAP bund (active) form ,P proteins widely nd the CLIP170 cd ion. Additional res ne cancers (6-8). t lower levels have studies have sho on of IQGAP3, bu pressed in prolife cks, D.B. (2003) <i>I</i> <i>J Biol Chem</i> 274 <i>Mol Cell Biol</i> 16, 4 2004) <i>Dev Cell</i> 7, 20 <i>Cell</i> 109, 873- 05) <i>Am J Physiol</i> <i>J Int J Cancer</i> 122 <i>Clin Cancer Res</i> 1 <i>J J Cell Sci</i> 120, 5 2003) <i>Blood</i> 101,	869-78. 871-83. 85. <i>Gastrointest Liver Phys</i> 9, 1040-6. 6, 6009-18. 567-77. 3021-8.	including actin, myosii their GAP-related dom vever, and regulate sm as have shown that the tously expressed and to small GTPases, pro gested that IQGAP1 of t 60% identical to IQG prostate, kidney, thyroi is tumor suppressor p in the lung, brain, sma ting a role in cell grow	n light chain, nains, they bind the nall GTPases by e function and has been found to moting cell ould play a part in AP1, is expressed d, stomach, and roperties (7). Less is Il intestine, and		
Species Reactivit	<b>y</b> Spe	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).		
Western Blot Buffer			estern blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 4°C with gentle shaking, overnight.					
Applications Key	WB	: Western Blotting						
Cross-Reactivity Key		<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	Cell	Signaling Technolog	gy is a trademark	of Cell Signaling Techno	blogy, Inc.			

IQGAP2 (D1X8U) Rabbit mAb (#13074) Datasheet Without Images Cell Signaling Technology

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