e at -20C	Cortactin (H222) Antibody		Cell Signaling	
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
)3		Support:	877-678-TECH (8324)	
#3503		Web:	info@cellsignal.com cellsignal.com	
#		3 Trask Lane Danvers Ma	ssachusetts 01923 USA	

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

Applications: WB, IP, IF-IC	Reactivity: H Mk B	Sensitivity: Endogenous	MW (kDa): 80-85	Source: Rabbit	UniProt ID: #Q14247	Entrez-Gene Id: 2017		
Product Usage	Ар	plication				Dilution		
Information	We	stern Blotting				1:1000		
	Imr	nunoprecipitation				1:50		
	Imr	nunofluorescence (I	mmunocytochemis	try)		1:200		
Storage	•	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity / Sensitivity		Cortactin (H222) Antibody detects endogenous levels of total cortactin protein.						
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to centrally located residues of human cortactin. Antibodies are purified by protein A and peptide affinity chromatography.						
Background	Arp2 amir proli Cort durin pool rece netw Cort regu	2/3 and WASP comp no acids that are imp ne-rich region and a BP1 and Shank3 (1 ng cell movement. T patient prognosis (ptors at postsynapti york (4). actin is phosphoryla	blex at F-actin bran bortant in F-actin bi an SH3 domain tha ,2). Cortactin is inv he human cortactii 3). Cortactin may a c densities (PSD) a ted at tyrosine resi), rac1-mediated ac	ches. The central re nding and cross-lini t can interact with n olved in signaling e n homologue EMS1 lso play an importa and tight junctions b dues 421, 466, and ctin dynamics (6), ca	acidic domain (NTA) as egion of the protein con king. The carboxy-termi umerous scaffolding pro- vents that coordinate ac is overexpressed in nu nt role in the organizatio y linking scaffolding pro- 482. Tyrosine phospho adherin-dependent adhe	tains six repeats of 37 inus contains a oteins, such as ctin reorganization merous cancers with on of transmembrane oteins to the actin orylation of cortactin		
Background Refere	2. N. 3. R 4. W 5. H 6. H 7. E	u, Y. et al. (1998) <i>Mu</i> aisbitt, S. et al. (199 odrigo, J.P. et al. (20 leed, S.A. and Parso uang, C. et al. (1998 ead, J.A. et al. (2003 Sayegh, T.Y. et al. Jo, C. et al. (2006) J	9) Neuron 23, 569 000) Clin Cancer R ons, J.T. (2001) On 3) J Biol Chem 273 3) Mol Biol Cell 14, (2004) J Cell Sci 1:	82. es 6, 3177-82. cogene 20, 6418-34 , 25770-6. 3216-29. 17, 5117-31.	4.			
Species Reactivity	Spec	ies reactivity is dete	rmined by testing i	n at least one appro	wed application (e.g., w	vestern blot).		
Western Blot Buffe		ORTANT: For wester 1X TBS, 0.1% Twee			ed primary antibody in 5 rnight.	% w/v nonfat dry		
Applications Key	WB:	Western Blotting IP	: Immunoprecipita	tion IF-IC: Immunof	luorescence (Immunocy	ytochemistry)		
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 						
Trademarks and Patents		Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. Alexa Fluor is a registered trademark of Life Technologies Corporation.						

Cortactin (H222) Antibody (#3503) Datasheet Without Images Cell Signaling Technology

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