LCP1 Antibody	Cell Signaling		
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com	
	Support:	877-678-TECH (8324)	
#5350	Web:	info@cellsignal.com cellsignal.com	
1 0	3 Trask Lane Danvers Massachusetts 01923 USA		
For Research Use Only. Not for Use in Diagnostic Procedures.			

Applications: W	Reactivity: H M	Sensitivity: Endogenous	MW (kDa): 70	Source/Isotype: Rabbit	UniProt ID: #P13796	Entrez-Gene Io 3936		
Product Usage Information		Application Western Blotting			Dilution 1:1000			
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.				ycerol. Store at –		
Specificity/Sensitivity		LCP1 Antibody detects endogenous levels of total LCP1 protein.						
Species predicted based on 100% se homology	l to react equence	Rat						
Source / Purificat	ion	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding residues surrounding Asp292 of human LCP1 protein. Antibodies are purified by protein A and pept affinity chromatography.						
Background		that include proteins found in mammals a most solid tissues, wi intestine (1-3). Resea (LCP1) is mainly expre expression correlates found that overexpre cadherin expression, phosphorylated at Se	that promote actin nd include L-plastin, hile I-plastin (plastin rch studies have sho essed in hematopoie with metastatic pro ssion of LCP1 in pre which is characteris r5 upon stimulatior n molecule or the CE	plastin proteins comprise bundling. Three plastins T-plastin, and I-plastin. -1) is expressed specifica with that L-plastin (plasti etic cells and nonhemato ogression in colon cance metastatic cancer cell lin tic of metastatic cancer through the T cell recep 28 receptor (6). Phosph ell motility (7,8).	exhibiting differen T-plastin (plastin-3) ally in the kidney, co n-2) or lymphocyte opoietic tumors, an r cell lines (4). Inves nes induces invasio cell lines (5). LCP1 k otor/CD3 complex i	tial expression are is found in cells of olon, and small cytosolic protein 1 d increased stigators have n and loss of E- pecomes n association with		
Background Refe	rences	1. Lin, C.S. et al. (1995 2. Lin, C.S. et al. (1994 3. Delanote, V. et al. (4. Otsuka, M. et al. (2 5. Foran, E. et al. (200 6. Wabnitz, G.H. et al. 7. Janji, B. et al. (2006 8. Klemke, M. et al. (2	 <i>Mol Cell Biol</i> 14, 2 2005) <i>Acta Pharmac</i> 001) <i>Biochem Bioph</i> <i>Int J Cancer</i> 118, (2007) <i>Eur J Immur</i> <i>J Cell Sci</i> 119, 1947 	457-67. <i>ol Sin</i> 26, 769-79. <i>ys Res Commun</i> 289, 87 2098-104. <i>ol</i> 37, 649-62. -60.	6-81.			
Species Reactivity	y	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot Buf	fer	IMPORTANT: For wes dry milk, 1X TBS, 0.19	tern blots, incubate 6 Tween® 20 at 4°C	e membrane with diluted primary antibody in 5% w/v nonfat C with gentle shaking, overnight.				
Applications Key		W: Western Blotting	g					
Cross-Reactivity I	Key	H: Human M: Mouse	2					
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