PTP4A3 Antibody				
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com		
	Support:	877-678-TECH (8324)		
#6484	Web:	info@cellsignal.com cellsignal.com		
9 #	3 Trask Lane Danvers Massachusetts 01923 USA			
For Research Use Only. Not for Use in Diagnostic Procedures.				

Applications: W	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 24-26	Source/Isotype: Rabbit	UniProt ID: #075365	Entrez-Gene Id: 11156		
Product Usage Information		Application Western Blotting			Dilution 1:1000			
Storage		Supplied in 10 mM so 20°C. Do not aliquot t		ö), 150 mM NaCl, 100 μg/	/ml BSA and 50% gl	ycerol. Store at –		
Specificity/Sen	sitivity	PTP4A3 Antibody recognizes endogenous levels of total PTP4A3 protein.						
Source / Purific	Irce / Purification Polyclonal antibodies are produced by immunizing animals with a synthetic peptide correspondin residues surrounding Gly62 of human PTP4A3 protein. Antibodies are purified by protein A and peraffinity chromatography.							
Background		phosphatases (PTP), c known PTP proteins. the first family memb in regenerating liver a most well-characteriz proliferation, and pos remained largely und dephosphorylated int progression of cardia (3). Increased rates of	containing a signatu. There are currently er to be identified; i and mitogen-treated ed member of the F sibly cancer metast efined, a recent stu tegrin β1 at Tyr783 (c hypertrophy by in both cell proliferat or cells over-expres	PRL) family is a distinct g ire phosphatase domain three known members of t was initially characteriz d fibroblasts (1). PRL-3, k PRL family, due to its imp asis. While specific subst dy in colon cancer cell lir 2). PTP4A3 was also sho hibiting tyrosine phosph ion and motility have be sing PTP4A3 (3,4), and e rs (5,6).	but otherwise lack of the PRL family (Pf zed as an immediat nown widely as PTF ortant role in regul trates of the PRL-fa nes reported that P wn to play a potent orylation of the do en observed in imm	ing homology to RL1-3). PRL-1 was e early gene (IEG) P4A3, is now the ating cell mily proteins have TP4A3 tial role in the cking protein p130 nortalized cell lines		
Background Re	eferences	1. Diamond, R.H. et al. (1994) <i>Mol Cell Biol</i> 14, 3752-62. 2. Tian, W. et al. (2012) <i>BMC Biochem</i> 13, 22. 3. Matter, W.F. et al. (2001) <i>Biochem Biophys Res Commun</i> 283, 1061-8. 4. Guo, K. et al. (2004) <i>Cancer Biol Ther</i> 3, 945-51. 5. Pryczynicz, A. et al. (2010) <i>Folia Histochem Cytobiol</i> 48, 632-6. 6. Mayinuer, A. et al. (2013) <i>Ann Surg Oncol</i> 20, 305-17.						
Species Reactiv	/ity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot B	uffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Ke	ey	W: Western Blotting						
Cross-Reactivit	у Кеу	H: Human M: Mouse	R: Rat					
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