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e at -20C	Enolase-1 Antibody		Cell Signaling		
Store at		Orders:	877-616-CELL (2355) orders@cellsignal.com		
0		Support:	877-678-TECH (8324)		
#3810		Web:	info@cellsignal.com cellsignal.com		
++-		3 Trask Lane Danvers Mas	ssachusetts 01923 USA		

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

Applications: WB, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 47	Source: Rabbit	UniProt ID: #P06733	Entrez-Gene Id: 2023		
Product Usage Information	W	pplication lestern Blotting nmunoprecipitation			Dilution 1:1000 1:50			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity / Sensitivity		Enolase-1 Antibody detects endogenous levels of total enolase-1 protein and does not corss-react with enolase-2.						
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to the sequence of human enolase-1. Antibodies are purified by protein A and peptide affinity chromatography.						
Background	pho enc enc me inv bre p2	osphoenolpyruvate. Ma blase) and enolase-3 (blase isoforms differs i btabolism under hypoxi asion (2,3). Abnormal east and lung cancer (4	ammalian enolase β-enolase) that ca n a tissue specific ic conditions and r expression of eno 4-7). Alternatively, t tumor suppresso	exists as three sub n form both homo- manner (1). Enolas nay act as a cell sur lase-1 is associated an enolase-1 splice r. For this reason er	conversion of 2-phospho punits: enolase-1 (α-enol and heterodimers. Expre se-1 plays a key role in a rface plasminogen recep I with tumor progression variant (MBP-1) binds t nolase-1 is considered as	ase), enolase-2 (γ- ession of the naerobic otor during tissue in some cases of he c-myc promoter		
Background Refer	2. F 3. J 4. F 5. Z 6. V 7. F	Pancholi, V. (2001) <i>Ce</i> . Redlitz, A. et al. (1995) Jiang, B.H. et al. (1997 Peebles, K.A. et al. (20 Zhang, L. et al. (2000) <i>W</i> u, W. et al. (2002) <i>Cl</i> Hennipman, A. et al. (1 Feo, S. et al. (2000) <i>FE</i>	Eur J Biochem 2: 7) Cancer Res 57, 903) Carcinogenes J Surg Res 93, 10 in Exp Metastasis 988) Tumour Biol	27, 407-15. 5328-35. xis 24, 651-7. 18-19. 19, 319-26. 9, 241-8.				
Species Reactivity	Spe	cies reactivity is deter	mined by testing ir	n at least one appro	ved application (e.g., we	estern blot).		
Western Blot Buffe		ORTANT: For western % Tween® 20 at 4°C w			d primary antibody in 5%	6 w/v BSA, 1X TBS,		
Applications Key	WB	3: Western Blotting IP:	Immunoprecipitat	ion				
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						
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Enolase-1 Antibody (#3810) Datasheet Without Images Cell Signaling Technology

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