NDRG2 Antibody	Cell Signaling TECHNOLOGY®			
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com		
	Support:	877-678-TECH (8324)		
#5667	Web:	info@cellsignal.com cellsignal.com		
U #	3 Trask Lane Danvers Ma	ssachusetts 01923 USA		
For Research Use Only. Not for Use in Diagnostic Procedures.				

Applications: W	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 45	Source/Isotype: Rabbit	UniProt ID: #Q9UN36	Entrez-Gene Id 57447	
Product Usage Information		Application Western Blotting			Dilution 1:1000		
Storage		Supplied in 10 mM so 20°C. Do not aliquot		δ), 150 mM NaCl, 100 μg	/ml BSA and 50% gl	ycerol. Store at –	
Specificity/Sensitivity		NDRG2 Antibody recognizes endogenous levels of total NDRG2 protein.					
Source / Purifica	ation	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding residues surrounding Lys25 of human NDRG2 protein. Antibodies are purified by protein A and per affinity chromatography.					
Background		NDRG4 are structura responses, and cell n upregulated in N-My have been reported t function as a tumor s Expression of NDRG1 driven by those path the nervous system. motor and sensory n NDRG1 in maintainin been observed with <i>J</i>	lly related proteins of nigration/metastasis c knockout mice (1). to be down-regulate suppressors (4,5). I and NDRG2 is up-r ways (6-11). NDRG1 Nonsense mutation europathy-Lom (HM og myelin sheaths ar Alzheimer's disease	d gene) family consisting vith roles in cell prolifera (1-3). NDRG1 was origin Proteins in the NDRG fa d in various cancer tissu egulated by p53 and HIF and NDRG2 are also ass of the NDRG1 gene has SNL), which is supporte id axonal survival (12, 13 (14). Both NDGR1 and N recise physiological role	ation, differentiation nally identified as a mily, particularly N es and have been s -1, and contributes ociated with pathol been shown to cau d by studies demon 3). Elevated express DGR2 are phospho	n, apoptosis, stress protein that was DRG1 and NDRG2, uggested to to apoptosis ogical conditions in se hereditary istrating the role of ion of NDRG2 has rylated at multiple	
Background Ref	erences	5. Ellen, T.P. et al. (20 6. Kurdistani, S.K. et a	Mol Cell Biochem 2: 001) Genomics 73, 8 Acta Biochim Bioph 08) Carcinogenesis 2 al. (1998) Cancer Re. 0) Biochem Biophys 4) J Biol Chem 279, 4 BMC Genet 5, 27. 08) Cell Physiol Bio 8) Nucleic Acids Res al. (2000) Am J Hum 004) Mol Cell Biol 24 et al. (2004) Neurobi (2004) Biochem J 38-	29, 35-44. 6-97. <i>iys Sin (Shanghai)</i> 40, 62. 9, 2-8. 5 58, 4439-44. <i>Res Commun</i> 276, 321-8 8930-40. <i>them</i> 21, 239-50. 36, 5335-49. <i>Genet</i> 67, 47-58. , 3949-56. <i>ol Dis</i> 16, 48-58. 4, 477-88.			
Species Reactivi	ty	Species reactivity is d	letermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot Bu	ıffer	IMPORTANT: For wes TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody i	n 5% w/v BSA, 1X	
Applications Key	y	W: Western Blotting					
Cross-Reactivity	Kev	H: Human M: Mouse	R: Rat				

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