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WWOX Antibody



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

Applications: W	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 46	Source/Isotype: Rabbit	UniProt ID: #Q9NZC7	Entrez-Gene Id: 51741
Product Usage Information		Application Western Blotting			Dilution 1:1000	
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		WWOX Antibody detects endogenous levels of total WWOX protein.				
Species predicted to react based on 100% sequence homology		Monkey				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Thr103 of WWOX. Antibodies were purified by peptide affinity chromatography.				
Background		followed by a short-ch high instability, FRA16 mediated apoptosis (3 translocation which h have been shown in s can induce tyrosine pi translocation and bind induce apoptosis in a	nain dehydrogenas: 5D (1,2). The mouse 3). The <i>WWOX</i> gene as revealed a tumo shown in premetast hosphorylation witl ding to and stabiliz synergistic manne	oreductase) gene encode domain that was identi- homolog, termed Wox1 is disrupted in a many or suppressor function (4 ic cancers, including brenin the first WW domaining the p53 tumor supprocessor to metastatic services of the cancers to metastatic services in the first was the property of the p53 tumor supprocessor of the p54 tumor supprocessor of tumor s	ified from a genom , was found to enha cancer types by dele -7). In contrast, higl ast and prostate (8- (Tyr33), followed by essor protein (11). on and nuclear trar	ic region 16q23 of ance TNFα- etions or n levels of WWOX 10). Stress stimuli γ nuclear WWOX and p53 can
Background References		 Bednarek, A.K. et al. (2000) Cancer Res. 60, 2140-2145. Ried, K. et al. (2000) Hum. Mol. Genet. 9, 1651-1663. Chang, N.S. et al. (2001) J. Biol. Chem. 276, 3361-3370. Ramos, D. and Aldaz, C.M. (2006) Adv. Exp. Med. Biol. 587, 149-159. Paige, A.J. et al. (2001) Proc. Nat.I Acad. Sci. USA 98, 11417-11422. Bednarek, A.K. et al. (2001) Cancer Res. 61, 8068-8073. Aqeilan, R.I. et al. (2007) Proc. Natl. Acad. Sci. USA 104, 3949-3954. Driouch, K. et al. (2002) Oncogene 21, 1832-1840. Watanabe, A. et al. (2003) Cancer Res. 63, 8629-8633. Chang, N.S. et al. (2005) Oncogene 24, 714-723. Chang, N.S. et al. (2005) J. Biol. Chem. 280, 43100-43108. 				
Species Reactiv	itv	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.a	western blot).
Western Blat B	-		•	g	.,	,

Western Blot Buffer

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 Key W: Western Blotting

Cross-Reactivity Key H: Human M: Mouse R: Rat

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