WFS1 Antibody

Store at -20C

749

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

Applications: Re WB, IP	eactivity: Sensitivity: H Mk Endogenous	MW (kDa): 100	Source: Rabbit	UniProt ID: #O76024	Entrez-Gene Id: 7466	
Product Usage Information	Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:100		
Storage	Supplied in 10 mM so	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.				
Specificity / Sensitivit	y WFS1 Antibody recog	WFS1 Antibody recognizes endogenous levels of total WFS1 protein.				
Species predicted to react based on 100% sequence homology:	Human					
Source / Purification		Ala43 of human WFS		th a synthetic peptide con es are purified by protein		
Background	domain, followed by n predominantly localize ER stress, partially thr the WFS1 gene lead t	ine-transmembrane ed to the endoplasmi ough transcriptional o Wolfram syndrome	domains and a lumi c reticulum (ER) (1) activation (2,3). Res e, an autosomal rece	in that contains a cytopla nal C-terminal domain. V and its expression is ind search studies have show essive neurodegenerative litus and progressive opt	VFS1 is luced in response to wn that mutations in e disorder defined	
Background Referenc	 Takeda, K. et al. (2001) <i>Hum Mol Genet</i> 10, 477-84. Yamaguchi, S. et al. (2004) <i>Biochem Biophys Res Commun</i> 325, 250-6. Ueda, K. et al. (2005) <i>Eur J Endocrinol</i> 153, 167-76. Inoue, H. et al. (1998) <i>Nat Genet</i> 20, 143-8. 					
Species Reactivity	Species reactivity is de	termined by testing i	n at least one appro	oved application (e.g., we	estern blot).	
Western Blot Buffer	IMPORTANT: For west milk, 1X TBS, 0.1% Tw			ed primary antibody in 5% ernight.	% w/v nonfat dry	
Applications Key	WB: Western Blotting	IP: Immunoprecipita	tion			
Cross-Reactivity Key	X: Xenopus Z: zebrafis	 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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