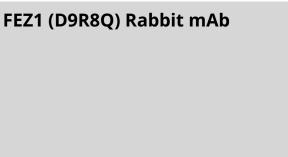
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Applications: W, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 65	Source/Isotype: Rabbit IgG	UniProt ID: #Q99689	Entrez-Gene Id: 9638	
Product Usage Information	2	Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:100		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.			ol and less than		
Specificity/Sensitivity		FEZ1 (D9R8Q) Rabbit mAb recognizes endogenous levels of total FEZ1 protein.					
Source / Purifi	cation	Monoclonal antibody is residues near the amin		nunizing animals with a s nan FEZ1 protein.	synthetic peptide co	prresponding to	
Background		predominately in the b identified independent in neuronal differentiat signaling, and autopha for PKCζ and was found active PKCζ (2). FEZ1 wa protein DISC1, which m (3,4). FEZ1 has also bee JIP1, NEK1, and CLASP2 microtubules, and cent interacts with a viral ag 10). Another screen ide FEZ1 can be regulated ubiquitination-protease	rain and is the ma ly in several intera- cion and outgrowt gy (reviewed in 1). d to induce the nei- as also found to be as salso found to be as shown to bind to be shown to bind to bind to supports i rrosomal organizar inoprotein and pla antified FEZ1 as a b through polyubique omal pathway thro	lation and elongation pr mmalian ortholog of the ction screens using disti n, viral defense, centroso It was originally identifi uronal differentiation of an interacting partner v for FEZ1 in schizophreni o several cytoskeletal pro ts role in neurite outgro cion (5-7). Additional rese ys a role in viral defense pinding partner for the u uitination (11). Moreover, pugh cdc20 provides a m egulate autophagy throu	C. elegans protein nct baits and was s ome organization, c ed as a binding par PC-12 cells when cc with the schizophre a as well as other n oteins, including kir wth, cargo transpor earch studies have s , including during h biquitin ligase E4B degradation of FEZ	UNC-76. It was hown to play a role ytoskeletal tner and substrate -expressed with nia-associated nental disorders besins, tubulins, rt along shown that FEZ1 HIV-1 infection (8- and showed that 21 by the in dendritic	
Background R	eferences	2. Kuroda, S. et al. (199 3. Miyoshi, K. et al. (200 4. Kang, E. et al. (2011) 5. Fujita, T. et al. (2007) 6. Blasius, T.L. et al. (200 7. Lanza, D.C. et al. (201 8. Suzuki, T. et al. (2005 9. Naghavi, M.H. et al. (9) J Cell Biol 144, 4 33) Mol Psychiatry Neuron 72, 559-7 Biochem Biophys 07) J Cell Biol 176, 10) Mol Cell Bioche 5) J Biol Chem 280, 2005) Genes Dev 2005) Genes Dev 2004) J Biol Chem 2 2014) Cell Rep 7, 5	8, 685-94. I. <i>Res Commun</i> 361, 605-1 11-7. em 338, 35-45. 24948-56. I9, 1105-15. I <i>d Sci U S A</i> 106, 14040-5. 279, 53533-43. 552-64.	0.		
Species Reacti	vitv	Species reactivity is det	ermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
-	-		-				
Western Blot E	Buffer	IMPORTANT: For weste TBS, 0.1% Tween® 20 a		membrane with diluted shaking, overnight.	primary antibody ii	ר 5% w/v BSA, 1X	
Applications K	ey	W: Western Blotting IP	: Immunoprecipita	ation			
Cross-Reactivi	ty Key	H: Human M: Mouse R	: Rat				

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