ULK1 (A705) Antibody		Cell Signaling	
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com	
	Support:	877-678-TECH (8324)	
.776	Web:	info@cellsignal.com cellsignal.com	
#4	3 Trask Lane Danvers Massa	achusetts 01923 USA	

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

Applications: W	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 150	Source/Isotype: Rabbit	UniProt ID: #075385	Entrez-Gene Id: 8408	
Product Usage Information	2	Application Western Blotting			Dilution 1:1000		
Storage		Supplied in 10 mM so 20°C. Do not aliquot t		5), 150 mM NaCl, 100 µg	/ml BSA and 50% g	lycerol. Store at –	
Specificity/Sensitivity		ULK1 (A705) Antibody detects endogenous levels of total ULK1 protein.					
Source / Purifi	cation			nmunizing animals with JLK1. Antibodies were pu			
Background		mammalian homolog extension and growth domain followed by a domain. The roles of kinases are localized factors, such as NGF (endocytic pathway, Sy with the yeast autoph that ULK1 is essential contents (9,10). It app	is of the <i>C. elegans</i> on in (1-4). Both protein in central proline/seri ULK1 and ULK2 in a to neuronal growth (5). Yeast two-hybric ynGAP, and syntenir hagy protein Atg1/A l for autophagy (8), a bears that Atg1/ULK 1), and can bind to s	IC-51-like kinase 1 and 2 gene <i>unc-51</i> in which mis s are widely expressed a ine rich domain and a hi xon growth have been li cones and are involved d studies found ULK1/2 a n (6). Structural similarity pg1 (7). Knockdown exp a catabolic process for th 1 can act as a converger several autophagy-relate cking (12-16).	utants exhibited ab and contain an amir ighly conserved car inked to studies sho in endocytosis of cr associated with moo y of ULK1/2 has also eriments using siRI he degradation of b nce point for multip	normal axonal no-terminal kinase boxy-terminal owing that the ritical growth dulators of the been recognized NA demonstrated oulk cytoplasmic le signals that	
Background R	eferences	4. Yan, J. et al. (1999) 5. Zhou, X. et al. (2007 6. Tomoda, T. et al. (20 7. Matsuura, A. et al. (20 8. Chan, E.Y. et al. (20 9. Reggiori, F. and Klid	I. (1998) Genomics 5 Biochem Biophys Re Oncogene 18, 5850- 7) Proc Natl Acad Sc 004) Genes Dev 18, (1997) Gene 192, 24 07) J Biol Chem 282, onsky, D.J. (2002) Eu Meijer, A.J. (2005) Ce Herman, P.K. (2006) (2000) Brain Res Mo (2006) J Cell Sci 119, 2000) J Cell Biol 150 07) EMBO Rep 8, 36	51, 76-85. es Commun 246, 222-7. 9. <i>i USA</i> 104, 5842-7. 541-58. 5-50. 25464-74. <i>karyot Cell</i> 1, 11-21. <i>II Death Differ</i> 12 Suppl 2 <i>Autophagy</i> 2, 146-8. <i>I Brain Res</i> 85, 1-12. 3888-900. , 1507-13. 0-5.	2, 1509-18.		
Species Reacti	vity	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot B	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody i	n 5% w/v BSA, 1X	
Applications K	(ey	W: Western Blotting					
Cross-Reactivi	ty Key	H: Human					

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