Antigen)

69690 Store at -20C

Cell Signaling HCFC1 Antibody (Amino-terminal

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Applications: WB, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 120, 130, 135, 160, 260	Source: Rabbit	UniProt ID: #P51610	Entrez-Gene Id: 3054	
Product Usage Information	W	oplication estern Blotting imunoprecipitation			Dilution 1:1000 1:50		
Storage	•	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 / Sens	ant	HCFC1 Antibody (Amino-terminal Antigen) recognizes endogenous levels of total HCFC1 protein. This antibody also recognizes amino-terminal fragments (HCFC1-N) resulting from O-GlcNAc transferase (OGT) cleavage.					
Source / Purificat	res	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro484 of human HCFC1 protein. Antibodies are purified by protein A and peptide affinity chromatography.					
Background	infe of v am trar C) pep mit mu	ection. HCFC1 and the viral immediate early g ino acid repeats that nsferase (OGT) cleav fragments are non-co buide facilitates progre osis and cytokinesis of	e viral protein VP16 genes (1). The rela can be O-GlcNAcy rage (2-4). The resu valently associated ession through the 6 during the M phase onding gene are as	5 belong to a multi- tively large HCFC1 lated and subjected liting amino-termina I and play importan G1 phase of the cel (5-7). As HCFC1 p	I factor for human herpes protein complex that prom protein contains 6 centra I to O-linked beta-N-acety al (HCFC1-N) and carbox t roles in cell cycle regula I cycle while HCFC1-C e lays an important role in pdevelopmental disorders	notes transcription Ily located 26 /lglucosamine y-terminal (HCFC1- ation. The HCFC1-N nables proper neurodevelopment,	
Background Refe	2. [3. (4. L 5. J 6. J 7. Z	 Vogel, J.L. and Kristie, T.M. (2013) <i>Viruses</i> 5, 1272-91. Daou, S. et al. (2011) <i>Proc Natl Acad Sci U S A</i> 108, 2747-52. Capotosti, F. et al. (2011) <i>Cell</i> 144, 376-88. Lazarus, M.B. et al. (2013) <i>Science</i> 342, 1235-9. Julien, E. and Herr, W. (2003) <i>EMBO J</i> 22, 2360-9. Julien, E. and Herr, W. (2004) <i>Mol Cell</i> 14, 713-25. Zargar, Z. and Tyagi, S. (2012) <i>Transcription</i> 3, 187-92. Jolly, L.A. et al. (2015) <i>Hum Mol Genet</i> 24, 3335-47. 					
Species Reactivit	r y Spe	Species reactivity is determined by testing in at least one approved application (e.g., western blot).					
Western Blot Buf		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Key	WB	WB: Western Blotting IP: Immunoprecipitation					
Cross-Reactivity	X : X	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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Limited Uses							

HCFC1 Antibody (Amino-terminal Antigen) (#69690) Datasheet Without Images Cell Signaling Technology

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