eRF1 Antibody	C T	Cell Signaling TECHNOLOGY®	
	Orders:	877-616-CELL (2355) orders@cellsignal.com	
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#13916	Web:	info@cellsignal.com cellsignal.com	
#	3 Trask Lane Danvers Mas	sachusetts 01923 USA	
For Research Use Only. Not for Use in Diagnostic Procedures.			

Product Usage Information Storage Specificity/Sensitiv Source / Purificatio Background	-	20°C. Do not aliquot t		i), 150 mM NaCl, 100 μg.	Dilution 1:1000				
Specificity/Sensitiv Source / Purificatio	-	20°C. Do not aliquot t		i), 150 mM NaCl, 100 μg					
Source / Purificatio	-	eRF1 Antibody recogr		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.					
	on	eRF1 Antibody recognizes endogenous levels of total eRF1 protein.							
Background		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Phe117 of human eRF1 protein. Antibodies are purified by protein A and peptide affinity chromatography.							
		polypeptide release for ETF1) structurally reso hydrolysis of the pept domains, including an codon recognition (4, termination of mRNA	actors, eRF1 and eR embles tRNA, which tidyl-tRNA conjugate n amino-terminal do 5). Lysine hydroxyla translation (6). The	in eukaryotes is depen- F3 (1). The eukaryotic tra allows it to participate i e (2,3). The eRF1 protein main that harbors discr tion within the amino-te central region of eRF1 h), while its carboxy term	nslation termination n stop codon recog contains three func ete motifs that part rminal domain is re arbors a GGQ moti	on factor 1 (eRF1, nition as well as ctionally distinct ticipate in stop equired for efficient f that facilitates			
Background Refere	ences	1. Zhouravleva, G. et a 2. Song, H. et al. (200 3. Cheng, Z. et al. (200 4. Bulygin, K.N. et al. (20 5. Frolova, L. et al. (20 6. Feng, T. et al. (2014 7. Frolova, L.Y. et al. (1 8. Merkulova, T.I. et a	0) <i>Čell</i> 100, 311-21. 09) <i>Genes Dev</i> 23, 1 (2010) <i>RNA</i> 16, 1902 02) <i>RNA</i> 8, 129-36. 1) <i>Mol Cell</i> 53, 645-54 1999) <i>RNA</i> 5, 1014-21	106-18. -14. 4. 0.					
Species Reactivity		Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).			
Western Blot Buffe	er		stern blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X 0 at 4°C with gentle shaking, overnight.						
Applications Key		W: Western Blotting							
Cross-Reactivity K	ey	H: Human M: Mouse	R: Rat Mk: Monkey						
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