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e at -20C	PARG (D4E6X) Rabbit mAb		Cell Signaling	
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
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Annligations	Desetivity	Consitivity	B 43 67 4							
For Research Use Only. Not for Use in Diagnostic Procedures.										

Applications: WB, IP	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 130	Source/Isotype: Rabbit IgG	UniProt ID: #Q86W56	Entrez-Gene Id: 8505	
Product Usage Information	We	plication estern Blotting munoprecipitation			Dilution 1:1000 1:100		
Storage				7.5), 150 mM NaCl, 100 o not aliquot the antibody		erol and less than	
Specificity / Sensitivity		PARG (D4E6X) Rabbit mAb recognizes endogenous levels of total PARG protein. This antibody specifically recognizes PARG isoform 1 (UniProt #Q86W56-1) and does not recognize other PARG isoforms.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human PARG protein.					
Background	by r moo fron biol mar PAF acti met inhi	nembers of the PAR dification that is cata n NAD+ to target pro ogical roles, includir nmalian PARG enzy RG isoforms 1-3 shu vity. The smaller isof abolism to inflamma	Properties of the second state of the second s	G) is an enzyme that hyd RP) enzyme family. Poly roteins. This modificatio stones and transcription o DNA damage and tran s the removal of this mo nucleus and cytoplasm (3- nune diseases, as well a sensitize cells to cancer	y (ADP)-ribosylation is n involves polymerizat factors, and plays a v iscriptional regulation odification exists as mu and are responsible fo 5). Research studies l as neuronal degenerat	a post-translational tion of ADP-ribose vide range of (1,2). The litiple isoforms. r most of the PARG ink altered PAR ion (6-8). PARG	
Background Refe	2. L 3. M 4. M 5. B 6. C 7. M 8. Y	i, N. and Chen, J. (2 leyer-Ficca, M.L. et leyer-Ficca, M.L. et onicalzi, M.E. et al. cortes, U. et al. (200- lasutani, M. et al. (2	2014) Mol Cells 3 al. (2004) Exp Co al. (2005) Int J B (2003) Biol Cell 9 4) Mol Cell Biol 2 005) Cell Mol Life on, R.A. (2000) N	ell Res 297, 521-32. iochem Cell Biol 37, 920 95, 635-44. 4, 7163-78. e Sci 62, 769-83. euroreport 11, 1385-8.			
Species Reactivit	y Spec	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).	
Western Blot Buffer			rn blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, with gentle shaking, overnight.				
Applications Key		WB: Western Blotting IP: Immunoprecipitation					
Cross-Reactivity Key		enopus Z: zebrafish	e R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster rafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse b: rabbit All: all species expected				
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PARG (D4E6X) Rabbit mAb (#66564) Datasheet Without Images Cell Signaling Technology

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