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Applications: W, IP	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 130	Source/Isotype: Rabbit IgG	UniProt ID: #Q86W56	Entrez-Gene Id: 8505		
Product Usage Information		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.						
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		Poly (ADP-ribose) glyco by members of the PAF translational modificat of ADP-ribose from NA wide range of biologica (1,2). The mammalian l isoforms. PARG isoform of the PARG activity. Th altered PAR metabolisr (6-8). PARG inhibitors t and may help in the de	bhydrolase (PARG) i R polymerase (PARI ion that is catalyze D ⁺ to target protei al roles, including t PARG enzyme that ns 1-3 shuttle betw ie smaller isoforms n to inflammatory hat increase PAR le evelopment of canc	s an enzyme that hydrol P) enzyme family. Poly (A d by PARP proteins. This ns, such as histones and he response to DNA dan catalyzes the removal of geen the nucleus and cyt 4 and 5 reside in the cy and autoimmune diseas wels may sensitize cells t ger therapies (9).	yzes poly (ADP-ribo DP)-ribosylation is modification involv transcription facto nage and transcript this modification e oplasm and are res toplasm (3-5). Rese es, as well as neuro to cancer treatment	ise) (PAR) formed a post- ves polymerization rs, and plays a cional regulation exists as multiple ponsible for most arch studies link onal degeneration ts (e.g., cisplatin)		
Background Re	eferences	1. Thomas, C. and Tulir 2. Li, N. and Chen, J. (20 3. Meyer-Ficca, M.L. et 4. Meyer-Ficca, M.L. et 5. Bonicalzi, M.E. et al. 6. Cortes, U. et al. (200- 7. Masutani, M. et al. (2 8. Ying, W. and Swanso 9. Fauzee, N.J. et al. (20	n, A.V. (2013) <i>Mol A</i> . 014) <i>Mol Cells</i> 37, 9 al. (2004) <i>Exp Cell I</i> al. (2005) <i>Int J Bioc</i> (2003) <i>Biol Cell</i> 95, 4) <i>Mol Cell Biol</i> 24, 2005) <i>Cell Mol Life</i> 2005) <i>Cell Mol Life</i> 2005) <i>Neul</i> 10) <i>Pathol Oncol R</i>	spects Med 34, 1124-37. I-16. Res 297, 521-32. hem Cell Biol 37, 920-6. 635-44. 7163-78. Sci 62, 769-83. roreport 11, 1385-8. Res 16, 469-78.				
Species Reactiv	vity	Species reactivity is def	termined by testing	g in at least one approve	d application (e.g.,	western blot).		
Western Blot B	uffer	IMPORTANT: For weste TBS, 0.1% Tween® 20 a	ern blots, incubate at 4°C with gentle s	e membrane with diluted primary antibody in 5% w/v BSA, 1X shaking, overnight.				
Applications K	ey	W: Western Blotting IP	: Immunoprecipita	tion				
Cross-Reactivit	у Кеу	H: Human Mk: Monkey						
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