vPARP Antibody **Rabbit Polyclonal** Protein ID Antigen Affinity Purified NP 006428.2 Catalog No. A301-953A GenelD 143 Lot No. A301-953A-1 BOBATOB **APPLICATIONS** IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to vPARP immobilized on solid support. PROCEDURES The epitope recognized by A301–953A maps to a region between residue 1400 and 1450 of human vault poly(ADP-ribose) polymerase using the numbering given in entry NP_006428.2 (GeneID 143). Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot Not recommended. Use rabbit anti-vPARP antibody A301-954A. Immunoprecipitation $2 - 5 \mu q/mq$ lysate **APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). **ADDITIONAL INFO** https://www.bethyl.com/product/A301-953A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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IP/WB					
kDa 460-					
268_ 238 [_]	-	-		← vPARP	
171-					
117-					
71-					
55-					
41-					
	+			A301-953A	
		+	-	A301-953A A301-954A	IP
			+	Ctrl IgG	

Detection of human vPARP by western blot of

immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-vPARP antibody A301–953A used for IP at 3 μ g/mg lysate. vPARP was also immunoprecipitated by rabbit anti-vPARP antibody A301–954A, which recognizes a downstream epitope. For blotting immunoprecipitated vPARP, A301–954A was used at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.