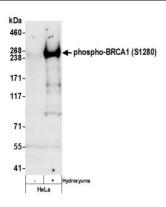
## Phospho BRCA1 (S1280) Antibody



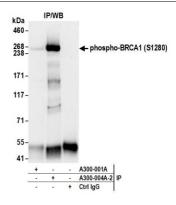
Rabbit Polyclonal					
Antigen Affinity Purified			RefSeq ID	NP_009225.1	
Catalog No.	A300-	004A	Uniprot ID	P38398	
Lot No.	2		GenelD	672	
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Monkey and Chimpanzee			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 – 8°C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Phospho BRCA1 (S1280) immobilized on solid support.			
		Immunogen for A300–004A was a phosphorylated synthetic peptide, which represented a portion of human Breast Cancer Gene 1 (GeneID 672) around serine 1280 according to the numbering given in entry NP_009225.1.			
		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 Immunoprecipi		,000 – 1:10,000 µg/mg lysate	
ADDITIONAL INFO		https://www.fortislife.com/p/A300-004A Use the link above to view SDS, a current list of citations, and other product specific information.			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: September 27, 2023

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Detection of human phospho-BRCA1 (S1280) by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa cells untreated (-) or treated (+) with Hydroxyurea. Antibody: Affinity purified rabbit anti-phospho-BRCA1 (S1280) antibody (A300-004A lot 2) used for WB at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human phospho–BRCA1 (S1280) by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells treated with Hydroxyurea. *Antibodies:* Affinity purified rabbit anti-phospho–BRCA1 (S1280) antibody (A300–004A lot 2) used for IP at 6  $\mu$ g per reaction. Phospho–BRCA1 (S1280) was also immunoprecipitated by a second phospho–BRCA1 antibody (A300–001A). For blotting immunoprecipitated phospho–BRCA1 (S1280), A300–004A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.