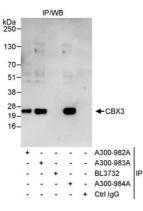
CBX3 Antibody					
Rabbit Polyclo Antigen Affini		ad	Protein ID	NP_009207.2	C. C. C.
Catalog No. A300-			GenelD	11335	
Lot No. A300-9			Geneid		BETHYL
					LABORATORIES, INC
APPLICATIONS		IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse and Orangutan			
AMOUNT		100 μΙ			
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 CBX3 immobilized on solid support.			
		The epitope recognized by A300-983A maps to a region between residue 75 and 125 of human chromobox homolog 3 using the numbering given in entry NP_009207.2 (GeneID 11335).			
		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		t recommended for crude preparations. Us riched sources (e.g. Immunoprecipitates) o	
		Immunoprecipit	tation 2 –	5 µg/mg 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 4–12% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-983A			
		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			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human CBX3 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-CBX3 antibody A300–983A used for IP at 3 μ g/mg lysate. CBX3 was also immunoprecipitated by rabbit anti-CBX3 antibodies A300–982A and A300–984A, which recognize other epitopes. For blotting immunoprecipitated CBX3, A300–983A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.