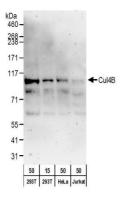
Cul4B Antibody

Rabbit Polyclonal Antigen Affinity Purified		d Prote	in ID	NP_003579.3		
Catalog No. A303-864A		364A Gene	ID	8450		
Lot No.	A303-8	364A-1			LABORATORIES, INC	
APPLICATIONS		WB, IHC				
SPECIES REACTIVITY		Human, Mouse				
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		Antibody was affinity purified using an epitope specific to Cul4B immobilized on solid support.				
PROCEDURES		The epitope recognized by A303-864A maps to a region between residue 863 and 913 of human Cullin 4B using the numbering given in entry NP_003579.3 (GeneID 8450).				
		Antibody 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	1:2	2,000 - 1:10,000		
		Immunoprecipitation	No	ot recommended		
		Immunohistochemisti		500 – 1:2,000. Epitope retrieval with commended for FFPE tissue sections.		
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.				
		Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma				
IHC MOUSE CONTROLS		Hybridoma Tumor, Teratoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A303-864A Use the link above to view SDS, a current list of citations, and other product specific information.				

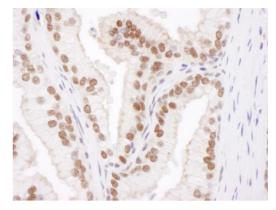
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

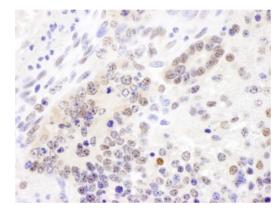
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Detection of human Cul4B by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 μ g), HeLa (50 μ g), and Jurkat (50 μ g) cells. Antibodies: Affinity purified rabbit anti-Cul4B antibody A303-864A (lot A303-864A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human Cul4B by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti- Cul4B (Cat. No. A303-864A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB. *Counterstain:* hematoxylin (blue).



Detection of mouse Cul4B by immunohistochemistry. *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti- Cul4B (Cat. No. A303-864A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB