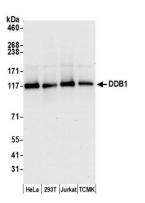
## DDB1 Antibody

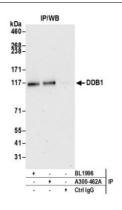
BBBI / Incibical					
Rabbit Polyclonal Antigen Affinity Purified			ein ID	Q13289	
•				1642	D SU 🔶
Catalog No. Lot No.		462A-3	eiD	1042	BETHYL LABORATORIES, INC
APPLICATIONS		WB, IP, IHC			personality throadmant to be about personality and the
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat, X. laevis, Bovine and Orangutan			
AMOUNT					
CONCENTRATION					
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to DDB1 immobilized on solid support.			
		The epitope recognized by A300-462A maps to a region between residue 1100 and the C- terminus (residue 1140) of human damage-specific DNA binding protein 1 using the numbering given in TrEMBL entry Q13289 (GeneID 1642).			
		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	1:2	2,000 - 1:10,000	
		Immunoprecipitation	2 -	5 μg/mg lysate	
		Immunohistochemis		00 – 1:2,000. Epitope retrieval with ci ommended for FFPE tissue sections.	trate buffer pH 6.0 is
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).			
IHC HUMAN CONTROLS		Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE. Breast Carcinoma, Colon Carcinoma, Metastatic Lymph Node, Ovarian Carcinoma, Skin Basal Cell Carcinoma, Testicular Seminoma			
IHC MOUSE CONTROLS		Colon Carcinoma CT26, Renal Cell Carcinoma, Squamous Cell Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-462A 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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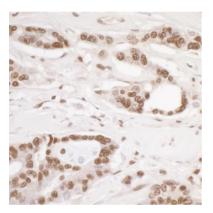


**Detection of human and mouse DDB1 by western blot.** *Samples:* Whole cell lysate (15  $\mu$ g) from HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-DDB1 antibody A300-462A (lot A300-462A-3) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

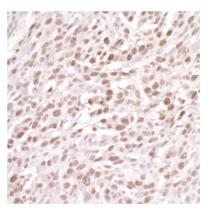


## Detection of human DDB1 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-DDB1 antibody A300-462A (lot A300-462A-3) used for IP at 3  $\mu$ g per reaction. DDB1 was also immunoprecipitated by rabbit anti-DDB1 antibody BL1996. For blotting immunoprecipitated DDB1, A300-462A was used at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human DDB1 by immunohistochemistry.** *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-DDB1 (Cat. No. A300-462A Lot3) used at a dilution of 1:1,000 (0.2µg/ml). *Detection:* DAB



**Detection of mouse DDB1 by immunohistochemistry.** *Sample:* FFPE section of mouse CT26 colon carcinoma. *Antibody:* Affinity purified rabbit anti-DDB1 (Cat. No. A300-462A Lot3) used at a dilution of 1:1,000 (0.2µg/ml). *Detection:* DAB