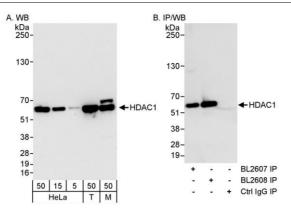
HDAC1 Antibody

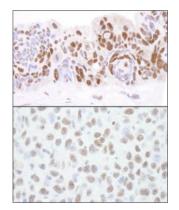
						507		
Rabbit Polyclonal			matain ID					
Antigen Affinity Purified Catalog No. A300–713A			Protein ID	NP_004955.2	0.50			
Catalog No.		-	GenelD	3065	BET	HYL		
Lot No. A300-713A-1					LABORATOR	ILES, INC		
APPLICATIONS		WB, IP, IHC						
SPECIES REACTIVITY		Human, Mouse						
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Bovine and Orangutan						
AMOUNT		100 µl						
CONCENTRATION		200 µg/ml						
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 HDAC1 immobilized on solid support.						
TROCEDURES		The epitope recognized by A300–713A maps to region between residue 425 and the C-terminus (residue 482) of human Histone Deacetylase 1 using the numbering given in entry NP_004955.2 (GeneID 3065).						
		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,	,000 - 1:10,000				
		Immunoprecipitat	tion 2 –	5 µg/mg lysate				
		Immunohistocher		00 – 1:1,000. Epitope reti ommended for FFPE tissue	ieval with citrate buffer pH 6.0 i e sections.	S		
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 4-20% 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 4-20% SDS-PAGE. Breast Carcinoma, Colon Carcinoma, Skin Squamous Cell Carcinoma, Testicular Seminoma						
IHC MOUSE CONTROLS		Squamous Cell Carcinoma						
ADDITIONAL INFO		https://www.bethyl.com/product/A300-713A 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 HDAC1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells. Antibodies: Affinity purified rabbit anti– HDAC1 antibody BL2608 (Cat. No. A300–713A) used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate (B). HDAC1 was also immunoprecipitated using rabbit anti–HDAC1 antibody BL2607 (Cat. No. A300–712A) at 3 µg/mg lysate. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



Detection of human and mouse HDAC1 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma (top) and mouse squamous cell carcinoma (bottom). *Antibody:* Affinity purified rabbit anti-HDAC1 (Cat. No. A300-713A Lot1) used at a dilution of 1:200 (1µg/ml) and 1:1,000 (0.2µg/ml). *Detection:* DAB

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