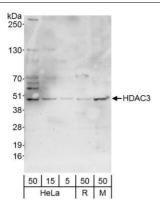
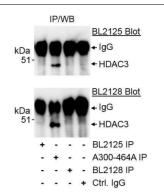
## HDAC3 Antibody

Rabbit Polyclo		d Pi	rotein ID	015379		
Antigen Affinity Purified Catalog No. A300–464A			enelD	8841	D 52 🗸 🔶	
Catalog No.		-	eneiD	8841	BETHYL	
Lot No. A300-464A-1		-			LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC				
SPECIES REACTIVITY		Human, Mouse				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat 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 HDAC3 immobilized on solid support.				
		The epitope recognized by A300-464A maps to a region between residue 375 and the C- terminus (residue 428) of human Histone Deacetylase 3 using the numbering given in Swiss-Prot entry O15379 (GeneID 8841).				
		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	1:5,	,000 - 1:15,000		
		Immunoprecipitat	ion 2 –	5 µg/mg lysate		
		Immunohistochen	,	00 – 1:500. Epitope retrieval with Tris ommended for FFPE tissue sections.	-EDTA pH 9.0 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 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
			estern blot of lysates performed using standard western blot reagents and 4–20% SDS–PAGE. east Carcinoma, Ovarian Carcinoma, Prostate Carcinoma			
IHC MOUSE CONTROLS		Renal Cell Carcinoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A300-464A 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				

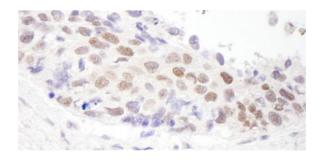
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.Eric McIntush, PhD | Chief Scientific OfficerDate: October 16, 2019



Detection of human and mouse HDAC3 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50  $\mu$ g), Ramos (R; 50  $\mu$ g) and mouse NIH 3T3 (M; 50  $\mu$ g) cells. Antibodies: Affinity purified rabbit anti-HDAC3 antibody A300-464A (lot A300-464A-1) used for WB at 0.02  $\mu$ g/ml. Detection: Chemiluminescence with exposure time of 3 minutes.



Detection of human HDAC3 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-HDAC3 antibody A300-464A (lot A300-464A-1) used for IP at 3 µg/mg per reaction. HDAC3 was also immunoprecipitated by rabbit anti-HDAC3 antibodies BL2125 and BL2128. For blotting immunoprecipitated HDAC3, BL2125 and BL2128 were used at 1 µg/ml. *Detection:* Chemiluminescence with exposure times of 30 seconds.



Detection of human HDAC3 by immunohistochemistry.

Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-HDAC3 (Cat. No. A300-464A Lot1) used at a dilution of 1:200 (1µg/ml). Detection: DAB

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