HDAC7 Antibody

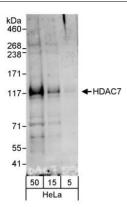
Rabbit Polyclonal					Contraction of the second		
Antigen Affini		vd F	Protein ID	NP_056216.1			
Catalog No. A301–385A			GenelD	51564			
Lot No.	A301-3		acticity	51501	BETHYL Laboratories, inc		
APPLICATIONS		WB, IHC					
SPECIES REACTIVITY		Human					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with 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					
		Antibody was affinity purified using an epitope specific to HDAC7 immobilized on solid support.					
PROCEDURES		The epitope recognized by A301–385A maps to a region between residue 902 and 952 of human histone deacetylase 7A using the numbering given in entry NP_056216.1 (GeneID 51564).					
		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			
		Immunoprecipita	ation Not	t recommended			
		Immunohistoche	,	,000 – 1:5,000. Epitope retrieval with cit ommended for FFPE tissue sections.	rate buffer pH 6.0 is		
APPLICATION NOTES Wester		Western blot of ly	stern blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.				
IHC HUMAN CC	IHC HUMAN CONTROLS Anaplastic Th			roid Carcinoma, Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma			
IHC MOUSE CONTROLS		Colon Carcinoma CT26, Teratoma					
ADDITIONAL INFO		https://www.bethyl.com/product/A301-385A Use the link above to view SDS, a current list of citations, and other product specific information.					

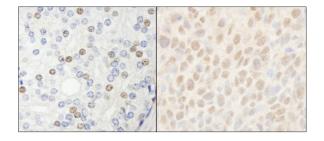
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human HDAC7 by western blot. Samples: Whole cell lysate (5, 15 and 50 μ g) from HeLa cells. *Antibody:* Affinity purified rabbit anti-HDAC7 antibody A301-385A used for WB at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 1 minute.

Detection of human and mouse HDAC7 by

immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma (left) and mouse colon carcinoma (right). *Antibody:* Affinity purified rabbit anti-HDAC7 (Cat. No. A301-385A Lot1) used at a dilution of 1:5,000 (0.2 µg/ml) and 1:1,000 (1µg/ml). *Detection:* DAB