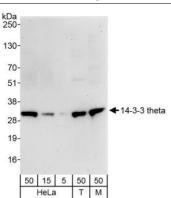
14-3-3 theta Antibody

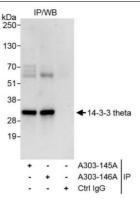
IF 5 5 theta Antibody							
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_006817.1		S. Contraction	
Catalog No. A303-146A		GenelD	10971				
Lot No.	A303-	146A-1				LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC					
SPECIES REACTIVITY		Human, Mouse					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat, X. laevis, Chicken, Bovine, Rabbit and Orangutan 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 PROCEDURES		Antibody was affinity purified using an epitope specific to 14–3–3 theta immobilized on solid support.					
APPLICATIONS		The epitope recognized by A303-146A maps to a region between residue 195 and 245 of human 14-3-3 protein theta using the numbering given in entry NP_006817.1 (GeneID 10971).					
		Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.					
		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			
		Immunoprecipi	tation 2 -	- 10 µg/mg lysate			
		Immunohistoch		,000 – 1:5,000. Epitope re commended for FFPE tissue	trieval with citrate buffer pH 6.0 is sections.		
		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 CO	ITROLS	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. Breast Carcinoma, Colon Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma					
ADDITIONAL INF	Ö	https://www.bethyl.com/product/A303-146A 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: November 12, 2019

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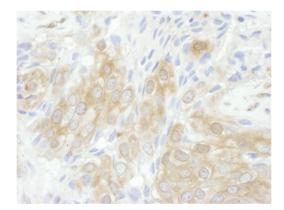


Detection of human and mouse 14-3-3-theta by western blot. Samples: Whole cell lysate from HeLa (5, 15, and 50 μ g), HEK293T (T; 50 μ g), and mouse NIH 3T3 (M; 50 μ g) cells. Antibody: Affinity purified rabbit anti-14-3-3-theta antibody A303-146A (lot A303-146A-1) used at 0.1 ug/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



A303-146A

Detection of human 14-3-3-theta by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-14-3-3-theta antibody A303-146A (lot A303-146A-1) used for IP at 6 µg/mg lysate. 14-3-3theta was also immunoprecipitated by rabbit anti-14-3-3theta antibody A303-145A, which recognizes an upstream epitope. For blotting immunoprecipitated 14-3-3-theta, A303-146A was used at 1.0 µg/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



Detection of human 14-3-3-theta by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-14-3-3-theta (Cat. No. A303-146A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). Detection: DAB

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