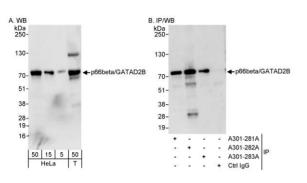
p66beta/GATAD2B Antibody

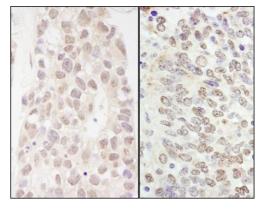
Rabbit Polycloi	nal				Contraction of the second seco
Antigen Affinity Purified		ed Pro	tein ID	NP_065750.1	
Catalog No. A301-282A		282A Ger	nelD	57459	
Lot No.	A301-2	32A-1			LABORATORIES, INC
APPLICATIONS		WB, IP, IHC			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		100 µl			
CONCENTRATION		200 µg/ml			
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 p66beta/GATAD2B immobilized on solid support.			
APPLICATIONS		The epitope recognized by A301-282A maps to a region between residue 50 and 100 of human transcription repressor p66 beta component of the MeCP1 complex (GATA zinc finger domain containing 2B) using the numbering given in entry NP_065750.1 (GeneID 57459).			
		Immunoglobulin 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	
		Immunoprecipitatio	n 2-	- 5 µg/mg lysate	
		Immunohistochemis		100 – 1:500. Epitope retrieval with circommended for FFPE tissue sections.	
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).			
		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. Breast Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma			
IHC MOUSE CONTROLS Renal Cell Carcinoma, Teratoma					
ADDITIONAL INFO		https://www.bethyl.com/product/A301-282A 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 p66beta/GATAD2B by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. Antibodies: Affinity purified rabbit anti-p66beta/GATAD2B antibody A301–282A used for WB at 0.04 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. p66beta/GATAD2B was also immunoprecipitated by rabbit anti-p66beta/GATAD2B antibodies A301-281A and A301-283A, which recognize other epitopes. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).



Detection of human and mouse p66beta/GATAD2B by immunohistochemistry. Sample: FFPE section of human breast carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti- p66beta/GATAD2B (Cat. No. A301-282A Lot1) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB

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