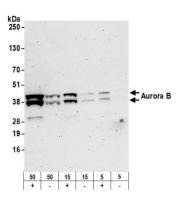
Aurora B Antibody

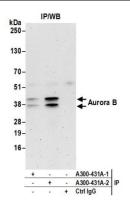
Rabbit Polyclo	nal					and give	
Antigen Affinity Purified			Protein ID	Q96GD4			
Catalog No. A300–431A			GenelD	9212			
Lot No.	A300-	431A-2				LABORATORIES, INC	
APPLICATIONS V		WB, IP, ICC-IF					
SPECIES REACTIVITY		Human					
AMOUNT		100 µl					
CONCENTRATION		1000 μg/ml					
STORAGE/SHELF LIFE		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		lgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Aurora B immobilized on solid support.					
		The epitope recognized by A300-431A maps to a region between residue 300 and the C- terminus (residue 344) of human Aurora B kinase using the numbering given in Swiss-Prot entry Q96GD4 (GeneID 9212).					
		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			
		Immunoprecipit	ation 2 -	10 µg/mg lysate			
		Immunofluoresc (ICC)	cence 1:5	00 - 1:2,000			
APPLICATION N	IOTES	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).					
		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.					
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A300–431A					
		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					
		iP-western blot p	orotocol: http	s://www.bethyl.com/co	ontent/protocol_IP_W	\R	
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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

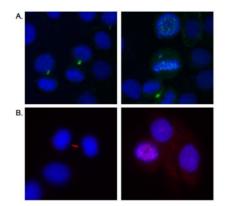
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Detection of human Aurora B by western blot. *Samples:* Whole cell lysate (50, 15, 5 μ g) from HeLa cells treated with nocodazole (+) or mock treated (-). *Antibody:* Affinity purified rabbit anti-Aurora B antibody A300-431A (lot A300-431A-2) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Aurora B by western blot of immunoprecipitation. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from nocodazole treated HeLa cells. Antibody: Affinity purified rabbit anti-Aurora B antibody A300-431A (Lot. No. A300-431A- 2) used at 0.1 µg/ml. Aurora B was also immunoprecipitated by a previous lot of this antibody (lot A300-431A-1). Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human Aurora B by immunocytochemistry. Samples: Asynchronous HeLa cells. Antibody: Affinity purified rabbit anti-Aurora B antibody BL1075 (Cat. No. A300-431A) used at 0.5 μ g/ml in A and at 2 μ g/ml in B. Detection: Secondary antibodies were anti-rabbit IgG conjugated to FITC in A and conjugated to Texas Red in B.

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