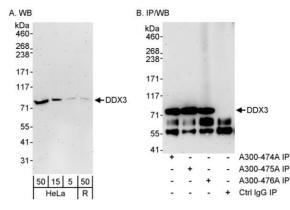
DDX3 Antibody

Rabbit Polyclo Antigen Affini		ed	Protein ID	NP_001347.2			
Catalog No. A300–476A		GenelD	1654				
Lot No.	A300-	476A-1				BETHYL	
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Orangutan and Chimpanzee 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 DDX3 immobilized on solid support.					
		The epitope recognized by A300-476A maps to a region between residue 600 and the C- terminus (residue 661) of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 3 using the numbering given in entry NP_001347.2 (GeneID 1654).					
		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			
		Immunoprecipit	ation 2 –	5 µg/mg lysate			
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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).					
Western blot of lysates performed using standard western blot re						nd 4–8% SDS–PAGE.	
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A300–476A					
		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					
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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 DDX3 by western blot and

immunoprecipitation. *Samples:* A. Whole cell lysate from HeLa (5, 15 and 50 µg) and Ramos (50 µg) cells. B. Whole cell lysate (1 mg/IP; 1/4 of IP loaded/lane) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-DDX3 antibody BL1651 (Cat. No. A300-476A) used at 0.04 µg/ml (A) and 0.1 µg/ml (B) for western blot and at 3 µg/mg lysate for IP (B). DDX3 was also immunoprecipitated using rabbit anti-DDX3 antibodies BL1649 (Cat. No. A300-474A) and BL1650 (Cat. No. A300-475A) at 3 µg/mg lysate. *Detection:* Chemiluminescence with an exposure time of 3 minutes (A and B).