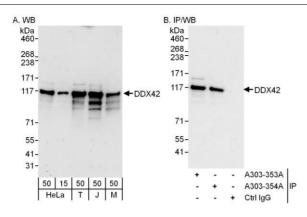
DDX42 Antibody

		1			(- m	
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_031398.2		
Catalog No. A303–354A		354A (GenelD	11325		
Lot No.	A303-3	354A-1	- -		BETHYL LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human, Mouse				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Chicken and Orangutan				
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				
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to DDX42 immobilized on solid support.				
		The epitope recognized by A303-354A maps to a region between residue 888 and 938 of human DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 42 using the numbering given in entry NP_031398.2 (GeneID 11325).				
		Antibody 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 2 -	10 µg/mg lysate		
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.				
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A303–354A				
		Use the link above to view SDS, a current list of citations, and other product specific information.				
		IP-western blot p	rotocol: http	s://www.bethyl.com/cont	ent/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 and mouse DDX42 by western blot (h and m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg), Jurkat (J; 50 µg) and mouse NIH 3T3 (M; 50 µg) cells. Antibodies: Affinity purified rabbit anti-DDX42 antibody A303-354A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. DDX42 was also immunoprecipitated by rabbit anti-DDX42 antibody A303-353A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com