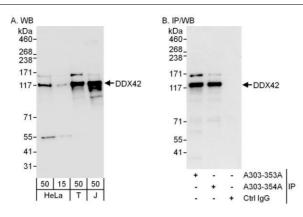
DDX42 Antibody

Rabbit Polyclonal	•			the second second
Antigen Affinity Purifie	d	Protein ID	NP_031398.2	
Catalog No. A303-3		GenelD	11325	
Lot No. A303-3				
APPLICATIONS	WB, IP			
SPECIES REACTIVITY	Human			
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with 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	lgG			
ORIGIN	USA			
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to DDX42 immobilized on solid support.			
FROCEDURES	The epitope recognized by A303-353A maps to a region between residue 800 and 850 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	2,000 - 1:10,000	
	Immunoprecipit	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 INFO	https://www.bethyl.com/product/A303–353A			
	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

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



Detection of human DDX42 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti–DDX42 antibody A303–353A 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 A303–354A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A and B).