TIPIN Antibody									
Rabbit Polyclonal									
Antigen Affinity Purified			Protein ID	NP_060328.1					
Catalog No. A301-473A		473A	GenelD	54962		RETUVI			
Lot No.	A301-	473A-1	LABORATORIES, INC						
APPLICATIONS		IP							
SPECIES REACTIVITY		Human							
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Chicken and Bovine							
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 TIPIN immobilized on solid support.							
		The epitope recognized by A301–473A maps to a region between residue 125 and 175 of human TIMELESS interacting protein using the numbering given in entry NP_060328.1 (GeneID 54962).							
		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	Not	t recommended. Use rabbit a	anti-TIPIN antibo	ody A301-474A.			
		Immunoprecipi	tation 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 4–20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).							
ADDITIONAL INFO		https://www.bethyl.com/product/A301-473A							
		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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	IF	/WB			
kDa 250-					
130-					
70-					
51-	_	_		← TIPIN	
38-					
28-					
19-					
	+			A301-473A A301-474A	
	2	+	-	A301-474A	IP
	-	-	+	Ctrl IgG	

## Detection of human TIPIN by western blot of

**immunoprecipitates.** Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-TIPIN antibody A301-473A used for IP at 3  $\mu$ g/mg lysate. TIPIN was also immunoprecipitated by rabbit anti-TIPIN antibody A301-474A, which recognizes a downstream epitope. For blotting immunoprecipitated TIPIN, A301-474A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.