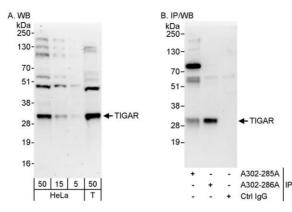
TIGAR Antibody							
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_065108.1			
Catalog No. A302–285A			GenelD	57103			
Lot No.		285A-1	Geneid	57105		BETHYL	
	AJUZ I					LABORATORIES, INC	
APPLICATIONS		WB					
SPECIES REACTIVITY		Human					
AMOUNT		100 µl					
CONCENTRATION		1000 μg/ml					
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 TIGAR immobilized on solid support.					
		The epitope recognized by A302-285A maps to a region between residue 25 and 75 of human TP53-induced glycolysis and apoptosis regulator using the numbering given in entry NP_065108.1 (GeneID 57103).					
		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			
		Immunoprecipitation Not recommended. Use rabbit anti-TIGAR antibody A302-286A.					
APPLICATION NOTES Western			rn blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.				
ADDITIONAL INFO		https://www.bethyl.com/product/A302-285A Use the link above to view SDS, a current list of citations, and other product specific information.					

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 TIGAR by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-TIGAR antibody A302–285A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 10 µg/mg lysate. TIGAR was efficiently immunoprecipitated by rabbit anti-TIGAR antibody A302–286A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).