

TIGAR Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_065108.1

Catalog No. A302-285A

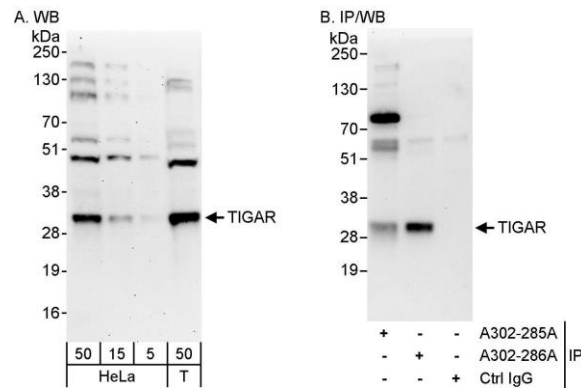
GeneID 57103

Lot No. A302-285A-1



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	IgG
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 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



Detection of human TIGAR by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-TIGAR antibody A302-285A used for WB at 0.1 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 10 μ g/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).