

TRIM37 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_056109.1
Catalog No. A301-174A	Uniprot ID	O94972
Lot No. 2	GeneID	4591

APPLICATIONS	WB, IP
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 TRIM37 immobilized on solid support.

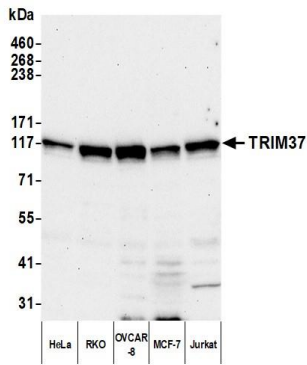
The epitope recognized by A301-174A maps to a region between residue 914 and 964 of human tripartite motif-containing 37 using the numbering given in entry NP_056109.1 (GeneID 4591).

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

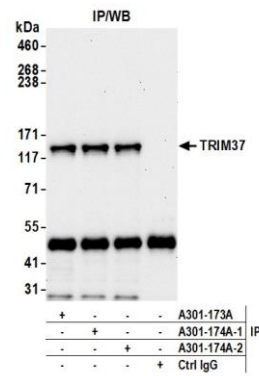
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
	Western Blot 1:1000 – 1:10,000
	Immunoprecipitation 6 µg/mg lysate

ADDITIONAL INFO	https://www.fortislife.com/p/A301-174A Use the link above to view SDS, a current list of citations, and other product specific information.
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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: May 17, 2024



Detection of human TRIM37 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, RKO, OVCAR-8, MCF-7, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TRIM37 antibody (A301-174A lot 2) used for WB at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human TRIM37 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MCF-7 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-TRIM37 antibody (A301-174A lot 2) used for IP at 6 µg per reaction. TRIM37 was also immunoprecipitated by a previous lot of this antibody (A301-174A lot 1) and a second antibody against a different epitope of TRIM37 (A301-173A). For blotting immunoprecipitated TRIM37, A301-174A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.