

Roquin Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_742068.1
Catalog No. A300-515A	Uniprot ID	Q5TC82
Lot No. 2	GeneID	149041

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Roquin immobilized on solid support.

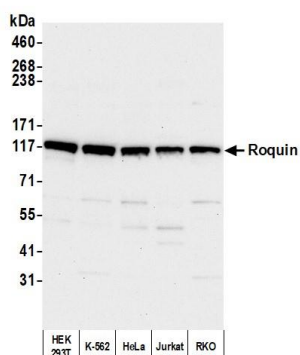
The epitope recognized by A300-515A maps to a region between residue 1075 and the C-terminus (residue 1133) of human Ring Finger and CCCH-type finder domains 1 using the numbering given in entry NP_742068.1 (GeneID 149041).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

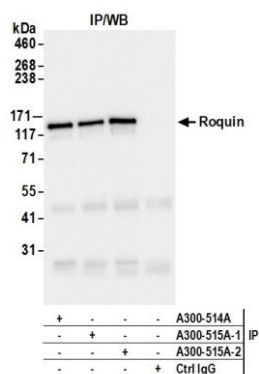
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
	Western Blot 1:1,000 – 1:10,000
	Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO	https://www.fortislife.com/p/A300-515A 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: April 14, 2023



Detection of human Roquin by western blot. *Samples:* Whole cell lysate (10 µg) from HEK293T, K-562, HeLa, Jurkat, and RKO cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Roquin antibody (A300-515A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human Roquin by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Roquin antibody (A300-515A lot 2) used for IP at 6 µg per reaction. Roquin was also immunoprecipitated by a previous lot of this antibody (A300-515A lot 1) and a second antibody against a different epitope of Roquin (A300-514A). For blotting immunoprecipitated Roquin, A300-515A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.