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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Reticulocalbin-1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q15293

Catalog No. A300-407A GeneID 5954

Lot No. A300-407A-3



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
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 Reticulocalbin-1 immobilized on solid support.

The epitope recognized by A300-407A maps to a region between residues 1 and 75 of human Reticulocalbin-1, EF-hand calcium binding domain using the numbering given in Swiss-Prot entry Q15293 (GeneID 5954).

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 2 - 10 µg/mg lysate

Immunohistochemistry 1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES 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).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

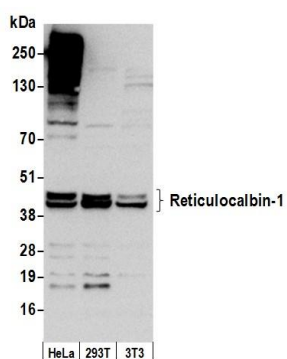
IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-407A>

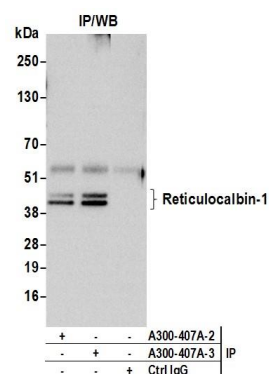
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

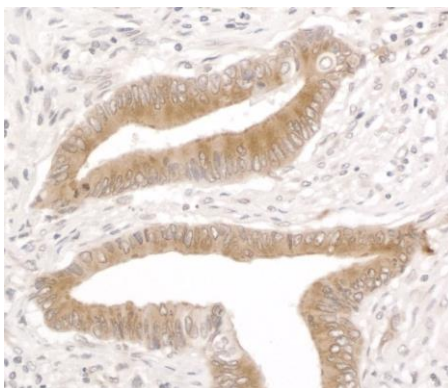
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 24, 2019



Detection of human and mouse Reticulocalbin-1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Reticulocalbin-1 antibody A300-407A (lot A300-407A-3) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human Reticulocalbin-1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Reticulocalbin-1 antibody A300-407A (lot A300-407A-3) used for IP at 6 µg per reaction. Reticulocalbin-1 was also immunoprecipitated by a previous lot of this antibody (lot A300-407A-2). For blotting immunoprecipitated Reticulocalbin-1, A300-407A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human RCN1 by immunohistochemistry.

Sample: FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-RCN1 (Cat. No. A300-407A lot 3) used at a dilution of 1:5,000 (0.2 µg/ml). *Detection:* DAB