RCOR3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_060724.1

Catalog No. A301-273A GeneID 55758

Lot No. A301-273A-1

APPLICATIONS WB, IP, IHC, IHC-IF, ICC-IF

SPECIES REACTIVITY Human, Mouse

 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 RCOR3 immobilized on solid support.

The epitope recognized by A301-273A maps to a region between residue 445 and 495 of human

REST corepressor 3 using the numbering given in entry NP_060724.1 (GeneID 55758).

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 - 5 µg/mg lysate

Immunohistochemistry 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

Immunofluorescence

(IHC)

1:100 - 1:500

Immunofluorescence

1:50 - 1:250.

(ICC)

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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, Prostate Carcinoma, Testicular Seminoma

ADDITIONAL INFO https://www.bethyl.com/product/A301-273A

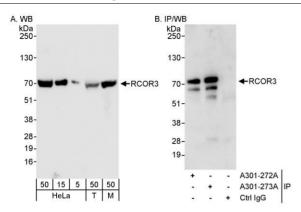
Use the link above to view SDS, a current list of citations, and other product specific information.

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

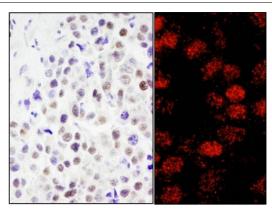
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



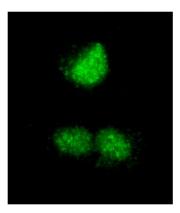
RCOR3 Antibody A301-273A



Detection of human and mouse RCOR3 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μg) and mouse NIH 3T3 (M; 50 μg) cells. Antibodies: Affinity purified rabbit anti–RCOR3 antibody A301–273A used for WB at 0.04 $\mu g/ml$ (A) and 1 $\mu g/ml$ (B) and used for IP at 3 $\mu g/mg$ lysate. RCOR3 was also immunoprecipitated by rabbit anti–RCOR3 antibody A301–272A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 1 second (A) and 10 seconds (B).



Detection of human RCOR3 by immunohistochemistry. *Sample:* FFPE sections of human testicular seminoma (left) and breast carcinoma (right). *Antibody:* Affinity purified rabbit anti– RCOR3 (Cat. No. A301–273A Lot1) used at a dilution of 1:200 (1μg/ml) and 1:80 (2.5 μg/ml). *Detection:* DAB and Red–fluorescent goat anti–rabbit IgG–heavy and light chain, cross–adsorbed Antibody DyLight® 594 Conjugated used at a dilution of 1:100



Detection of human RCOR3 by immunocytochemistry. *Sample:* FFPE section of NBF-fixed HeLa Cells *Antibody:* Affinity purified rabbit anti- RCOR3 (Cat. No. A300-273A Lot1) used at a dilution of 1:80 (2.5 µg/ml). *Detection:* Green-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight® 488 Conjugated used at a dilution of 1:100.