

RCC2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_061185.1

Catalog No. A300-873A

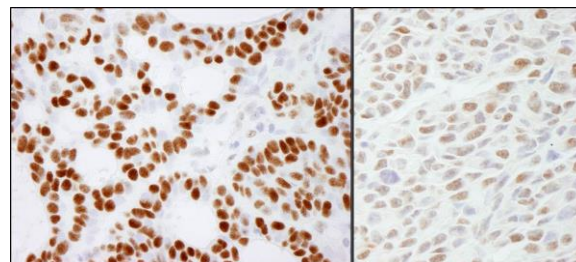
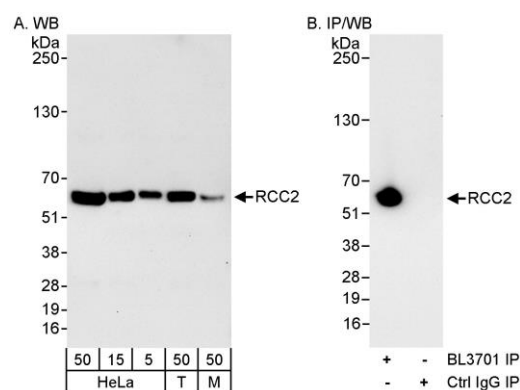
GeneID 55920

Lot No. A300-873A-1



APPLICATIONS	WB, IHC
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	<p>Antibody was affinity purified using an epitope specific to RCC2 immobilized on solid support.</p> <p>The epitope recognized by A300-873A maps to a region between residue 475 and the C-terminus (residue 522) of human Regulator of Chromosome Condensation 2 using the numbering given in entry NP_061185.1 (GeneID 55920).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:2,000 - 1:10,000</p> <p>Immunoprecipitation Not recommended. Use rabbit anti-RCC2 antibody A300-872A.</p> <p>Immunohistochemistry 1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p>
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Skin Basal Cell Carcinoma, Small Cell Lung Cancer, Stomach Adenocarcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Colon Carcinoma CT26, Fibroma, Squamous Cell Carcinoma, Teratoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-873A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

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 and mouse RCC2 by western blot (h&m) and immunoprecipitation (h). *Samples:* Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g) and mouse NIH 3T3 (M; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-RCC2 antibody BL3704 (Cat. No. A300-873A) used for WB at 0.04 μ g/ml (A) and 0.1 μ g/ml (B). RCC2 was immunoprecipitated by rabbit anti-RCC2 antibody BL3701 (Cat. No. A300-872A), which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 1 second (A and B).

Detection of human and mouse RCC2 by immunohistochemistry. *Sample:* FFPE sections of human skin basal cell carcinoma (left) and mouse CT26 colon carcinoma (right). *Antibody:* Affinity purified rabbit anti-RCC2 (Cat. No. A300-873A Lot1) used at a dilution of 1:1,000 (0.2 μ g/ml) and 1:200 (1 μ g/ml). *Detection:* DAB