

NCOA2/SRC2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006531.1

Catalog No. A300-346A

GeneID 10499

Lot No. A300-346A-2



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 NCOA2/SRC2 immobilized on solid support.

The epitope recognized by A300-346A maps to a region between residue 1400 the C-terminus (residue 1464) of human Nuclear Receptor Coactivator 2 using the numbering given in entry NP_006531.1 (GeneID 10499).

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 1 - 4 µg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

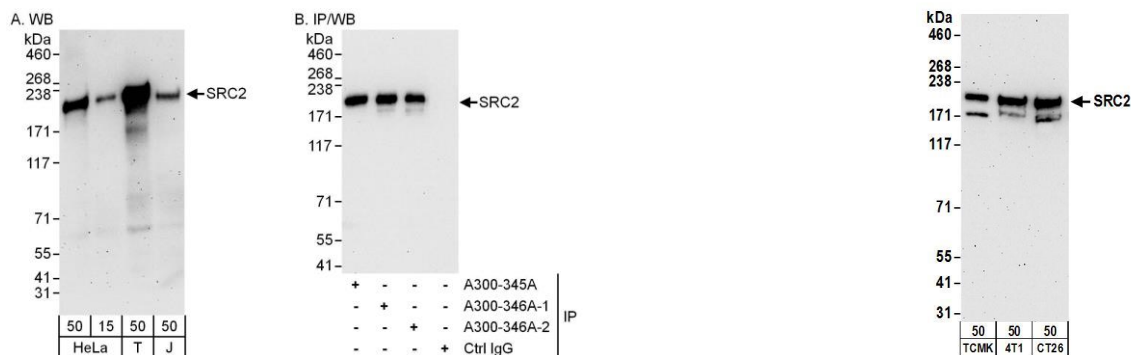
IHC HUMAN CONTROLS Breast Carcinoma, Prostate Carcinoma, Testicular Seminoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-346A>

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

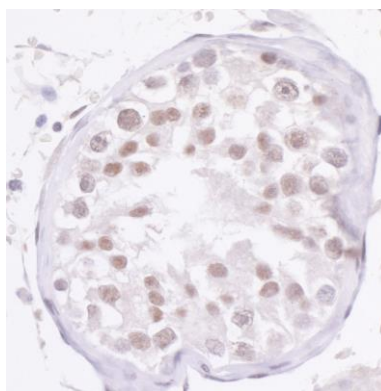
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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



Detection of human NCOA2/SRC2 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa(15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-NCOA2/SRC2 antibody A300-346A (lot A300-346A-2) used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. NCOA2/SRC2 was also immunoprecipitated by a previous lot (A300-346A-1) and by rabbit anti-NCOA2/SRC2 antibody A300-345A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

Detection of mouse NCOA2/ SRC2 by western blot. *Samples:* Whole cell lysate (50 µg) from TCMK-1, 4T1, and CT26.WT cells. *Antibodies:* Affinity purified rabbit anti-NCOA2/SRC2 antibody A300-346A (lot A300-346A-1) used for WB at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human NCOA2/ SRC2 by immunohistochemistry. *Sample:* FFPE section of human testicular seminoma. *Antibody:* Affinity purified rabbit anti-NCOA2/ SRC2 (Cat. No. A300-346A Lot2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB