ORC2 Antibody

Rabbit Polyclonal

CONCENTRATION

Antigen Affinity Purified Protein ID NP 006181.1

Catalog No. A302-734A GeneID 4999

Lot No. A302-734A-1

APPLICATIONS WB. IP. IHC SPECIES REACTIVITY Human **AMOUNT** 100 ul

 $200 \mu g/ml$ STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE

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 ORC2 immobilized on solid support.

The epitope recognized by A302-734A maps to a region between residue 1 and 50 of human Origin Recognition Complex, Subunit 2-like using the numbering given in entry NP_006181.1

(GeneID 4999).

Antibody 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 1:200 - 1:1,000. 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. \$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, Non-Small Cell Lung Cancer, Prostate Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A302-734A

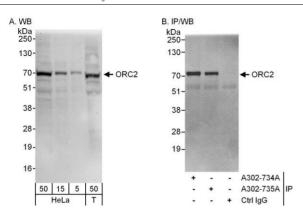
Use the link above to view SDS, a current list of citations, and other product specific information.

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

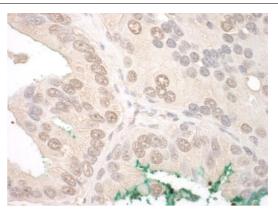
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



ORC2 Antibody A302-734A



Detection of human ORC2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 μ g) cells. Antibodies: Affinity purified rabbit anti–ORC2 antibody A302–734A used for WB at 0.04 μ g/ml (A) and 0.4 μ g/ml (B) and used for IP at 3 μ g/mg lysate. ORC2 was also immunoprecipitated by rabbit anti–ORC2 antibody A302–735A, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



Detection of human ORC2 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-ORC2 (Cat. No. A302-734A) used at a dilution of 1:1,000 (0.2µg/ml) *Detection:* DAB