HNF1-alpha Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_000536.5

Catalog No. A304-051A GeneID 6927

Lot No. A304-051A-1

APPLICATIONS IP, IHC
SPECIES REACTIVITY Human
AMOUNT 100 μI

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 Antibody was affinity purified using an epitope specific to HNF1-alpha immobilized on solid

PROCEDURES support.

The epitope recognized by A304-051A maps to a region between residue 50 to 100 of human

HNF1 Homeobox A using the numbering given in entry NP_000536.5 (GeneID 6927).

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 Not recommended. Use rabbit anti-HNF1-alpha antibody A304-053A.

Immunoprecipitation $2 - 10 \mu g/mg$ 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 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A304-051A

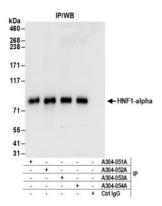
Use the link above to view SDS, a current list of citations, and other product specific information.

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

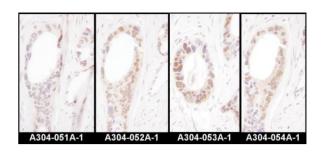
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019





Detection of human HNF1-alpha by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from Hep G2 cells. Antibodies: Affinity purified rabbit anti-HNF1-alpha antibody A304-051A (lot A304-051A-1) used for IP at 6 μ g/mg lysate. HNF1-alpha was also immunoprecipitated by rabbit anti-HNF1-alpha antibodies A304-052A, A304-053A, and A304-054A. For blotting immunoprecipitated HNF1-alpha, A304-053A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Detection of human HNF1-alpha by immunohistochemistry. *Samples:* FFPE serial sections of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- HNF1-alpha (Cat. No. A304-051A Lot1, A304-052A Lot1, A304-053A Lot1, and A304-054A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB. *Counterstain:* Hematoxylin (blue).