## **IGF2BP2** Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_006539.3

Catalog No. A303-317A GeneID 10644

Lot No. A303-317A-1

APPLICATIONS WB, IP, IHC
SPECIES REACTIVITY Human

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 IGF2BP2 immobilized on solid support.

The epitope recognized by A303-317A maps to a region between residue 549 and 599 of human Insulin-Like Growth Factor 2 mRNA Binding Protein 2 using the numbering given in entry

NP 006539.3 (GeneID 10644).

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 - 10 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 Non-Small Cell Lung Cancer, Ovarian Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A303-317A

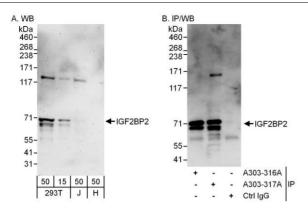
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

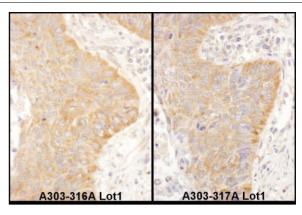
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019





Detection of human IGF2BP2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HEK293T (15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded), Jurkat (J; 50  $\mu$ g) and HeLa (H; 50  $\mu$ g) cells. Antibodies: Affinity purified rabbit anti-IGF2BP2 antibody A303-317A used for WB at 0.1  $\mu$ g/ml (A) and 1  $\mu$ g/ml (B) and used for IP at 6  $\mu$ g/mg lysate. IGF2BP2 was also immunoprecipitated by rabbit anti-IGF2BP2 antibody A303-316A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Detection of human IGF2BP2 by immunohistochemistry. *Samples:* FFPE serial sections of human non-small cell lung cancer. *Antibody:* Affinity purified rabbit anti- IGF2BP2 (Cat. No. A303-316A Lot1 left panel and Cat. No. A303-317A Lot1 right panel) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB