## GTF3C1/TFIIIC220 Antibody

Rabbit Polyclonal

Antigen Affinity Purified NP 001511.2 Protein ID

Catalog No. A301-291A GeneID 2975

Lot No. A301-291A-1

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

CONCENTRATION  $1000 \mu g/ml$ 

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE

**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 GTF3C1/TFIIIC220 immobilized on **PROCEDURES** solid support.

> The epitope recognized by A301-291A maps to a region between residue 475 and 525 of human general transcription factor IIIC, polypeptide 1 (general transcription factor IIIC, 220kDa subunit)

using the numbering given in entry NP 001511.2 (GenelD 2975).

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 Not recommended. Use rabbit anti-GTF3C1/TFIIIC220 antibody A301-

293A.

**Immunoprecipitation** 2 - 5 µg/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. \$100-020),

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** Prostate Carcinoma

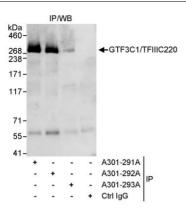
**ADDITIONAL INFO** https://www.bethyl.com/product/A301-291A

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

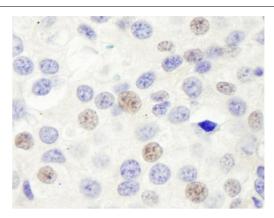
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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 GTF3C1/TFIIIC220 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti–GTF3C1/TFIIIC220 antibody A301–291A used for IP at 3  $\mu$ g/mg lysate. GTF3C1/TFIIIC220 was efficiently immunoprecipitated by rabbit anti–GTF3C1/TFIIIC220 antibody A301–292A but not by A301–293A, which recognize downstream epitopes. For blotting immunoprecipitated GTF3C1/TFIIIC220, A301–293A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human GTF3C1/TFIIIC220 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-GTF3C1/TFIIIC220 (Cat. No. A301-291A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB