

# GPRC5A Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_003970.1

Catalog No. A304-440A

GeneID 9052

Lot No. A304-440A-1



<b>APPLICATIONS</b>	IP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA

**PRODUCTION PROCEDURES** Antibody was affinity purified using an epitope specific to GPRC5A immobilized on solid support.

The epitope recognized by A304-440A maps to a region between residue 300 to 350 of human G Protein-Coupled Receptor, Family C, Group 5, Member A using the numbering given in entry NP\_003970. (GeneID 9052).

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

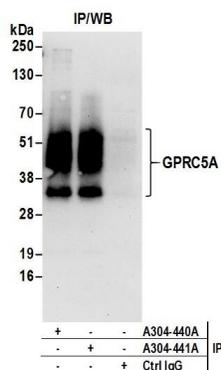
Immunoprecipitation 2 – 10 µg/mg lysate

**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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

**ADDITIONAL INFO** <https://www.bethyl.com/product/A304-440A>

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](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 GPRC5A by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from HeLa cells. *Antibodies:* Affinity purified rabbit anti-GPRC5A antibody A304-440A (lot A304-440A-1) used for IP at 6  $\mu$ g per reaction. GPRC5A was also immunoprecipitated by rabbit anti-GPRC5A antibody A304-441A. For blotting immunoprecipitated GPRC5A, A304-440A was used at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.