

GPR157 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_079256.4

Catalog No. A304-487A

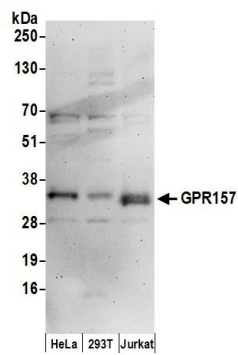
GeneID 80045

Lot No. A304-487A-1

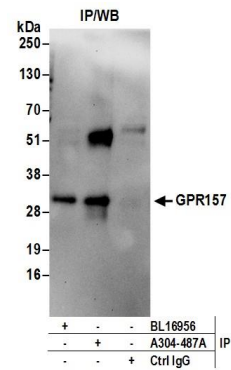


APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to GPR157 immobilized on solid support. The epitope recognized by A304-487A maps to a region between residue 285 to 335 of human G Protein-Coupled Receptor 157 using the numbering given in entry NP_079256.4 (GeneID 80045). 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
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). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A304-487A 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 GPR157 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using RIPA lysis buffer. *Antibodies:* Affinity purified rabbit anti-GPR157 antibody A304-487A (lot A304-487A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human GPR157 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using RIPA lysis buffer. *Antibodies:* Affinity purified rabbit anti-GPR157 antibody A304-487A (lot A304-487A-1) used for IP at 6 µg per reaction. GPR157 was also immunoprecipitated by rabbit anti-GPR157 antibody BL16956. For blotting immunoprecipitated GPR157, A304-487A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.