

GABRA4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_000800.2

Catalog No. A304-386A

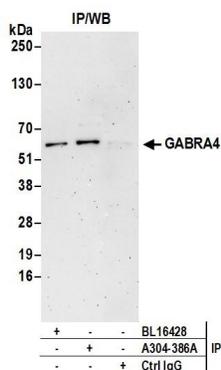
GeneID 2557

Lot No. A304-386A-1



APPLICATIONS	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	<p>Antibody was affinity purified using an epitope specific to GABRA4 immobilized on solid support.</p> <p>The epitope recognized by A304-386A maps to a region between residue 425 to 475 of human Gamma-Aminobutyric Acid (GABA) A Receptor, Alpha 4 using the numbering given in entry NP_000800.2 (GeneID 2557).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot Not recommended. A304-386A has not performed satisfactorily when used for WB of GABRA4 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of GABRA4.</p> <p>Immunoprecipitation 2 – 10 µg/mg lysate</p>
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	<p>https://www.bethyl.com/product/A304-386A</p> <p>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</p>

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 GABRA4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using NETN buffer from HeLa cells. *Antibodies:* Affinity purified rabbit anti-GABRA4 antibody A304-386A (lot A304-386A-1) used for IP at 6 µg per reaction. GABRA4 was also immunoprecipitated by rabbit anti-GABRA4 antibody BL16428. For blotting immunoprecipitated GABRA4, A304-386A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.