## **BEGAIN Antibody**

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_065887.1

Catalog No. A302-792A GeneID 57596

Lot No. A302-792A-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

Antibody was affinity purified using an epitope specific to BEGAIN immobilized on solid support.

The epitope recognized by A302-792A maps to a region between residue 493 and 543 of human

Brain-Enriched Guanylate Kinase-Associated Protein using the numbering given in entry

NP\_065887.1 (GeneID 57596).

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 5 – 15 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 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO https://www.bethyl.com/product/A302-792A

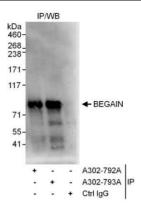
Use the link above to view SDS, a current list of citations, and other product specific information.

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 BEGAIN 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-BEGAIN antibody A302-792A used for IP at 10 μg/mg lysate. BEGAIN was also immunoprecipitated by rabbit anti-BEGAIN antibody A302-793A, which recognizes a downstream epitope. For blotting immunoprecipitated BEGAIN, A302-793A was used at 1 μg/ml,. *Detection:* Chemiluminescence with an exposure time of 30 seconds.