## Beta-Adducin Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_001171983.1

Catalog No. A303-740A GeneID 119

Lot No. A303-740A-1

APPLICATIONS WB, IP
SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Orangutan

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** Antibody was affinity purified using an epitope specific to Beta-Adducin immobilized on solid

**PROCEDURES** support.

The epitope recognized by A303-740A maps to a region between residue 1 and 50 of human

Adducin Beta using the numbering given in entry NP\_001171983.1 (GeneID 119).

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 4-8% SDS-PAGE

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

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A303-740A

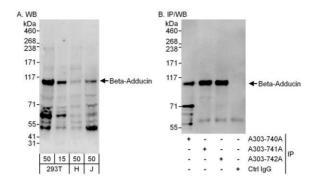
Use the link above to view SDS, a current list of citations, and other product specific information.

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 Beta-Adducin by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HEK293T (15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded), HeLa (H; 50 μg) and Jurkat (J; 50 μg) cells. *Antibodies:* Affinity purified rabbit anti-Beta-Adducin antibody A303-740A used for WB at 0.1 μg/ml (A) and 1 μg/ml (B) and used for IP at 6 μg/mg lysate. Beta-Adducin was also immunoprecipitated by rabbit anti-Beta-Adducin antibodies A303-741A and A303-742A, which recognize downstream epitopes. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).