

Beta-Arrestin 2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004304.1

Catalog No. A303-785A

GeneID 409

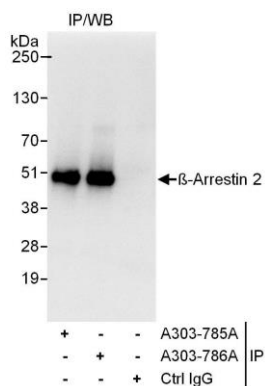
Lot No. A303-785A-1



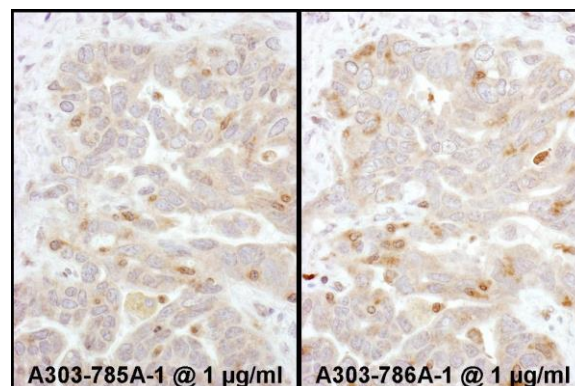
APPLICATIONS	IP, IHC						
SPECIES REACTIVITY	Human						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Beta-Arrestin 2 immobilized on solid support. The epitope recognized by A303-785A maps to a region between residue 310 and 360 of human Arrestin, Beta 2 using the numbering given in entry NP_004304.1 (GeneID 409). 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. <table><tr><td>Western Blot</td><td>Not recommended</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	Not recommended	Immunoprecipitation	2 – 10 µg/mg lysate	Immunohistochemistry	1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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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).						
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A303-785A 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

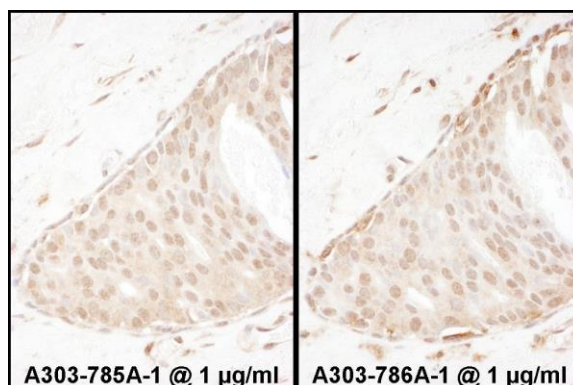
Date: June 21, 2019



Detection of human Beta-Arrestin 2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HEK293T cells. *Antibodies:* Affinity purified rabbit anti-Beta-Arrestin 2 antibody A303-785A used for IP at 6 µg/mg lysate. Beta-Arrestin 2 was also immunoprecipitated by rabbit anti-Beta-Arrestin 2 antibody A303-786A, which recognizes a downstream epitope. For blotting Beta-Arrestin 2, A303-786A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human Beta-Arrestin 2 by immunohistochemistry. *Samples:* FFPE sections of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-Beta-Arrestin 2 Cat. No. A303-785A Lot1 used at a dilution of 1:1,000 (1 µg/ml) (left) and Cat. No. A303-786A Lot1 used at a dilution of 1:1,000 (1 µg/ml) (right). *Detection:* DAB



Detection of human Beta-Arrestin 2 by immunohistochemistry. *Samples:* FFPE sections of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-Beta-Arrestin 2 Cat. No. A303-785A Lot1 used at a dilution of 1:1,000 (1 µg/ml) (left) and Cat. No. A303-786A Lot1 used at a dilution of 1:1,000 (1 µg/ml) (right). *Detection:* DAB