

Beta-Arrestin 2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004304.1

Catalog No. A303-786A

GeneID 409

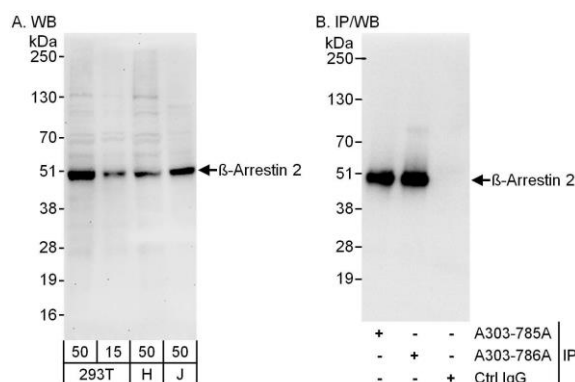
Lot No. A303-786A-1



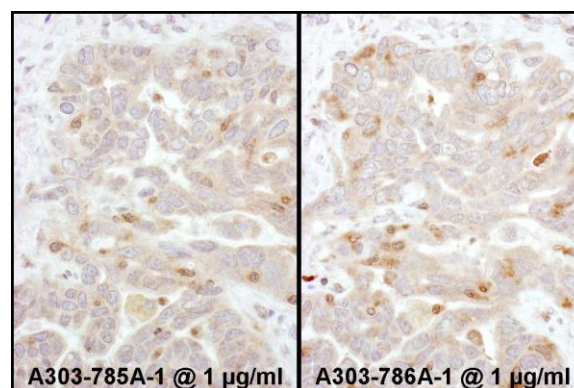
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to Beta-Arrestin 2 immobilized on solid support.</p> <p>The epitope recognized by A303-786A maps to a region between residue 355 and 405 of human Arrestin, Beta 2 using the numbering given in entry NP_004304.1 (GeneID 409).</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> <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</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	1:2,000 – 1:10,000	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.
Western Blot	1:2,000 – 1:10,000						
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.						
APPLICATION NOTES	<p>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).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.</p>						
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma						
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A303-786A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>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

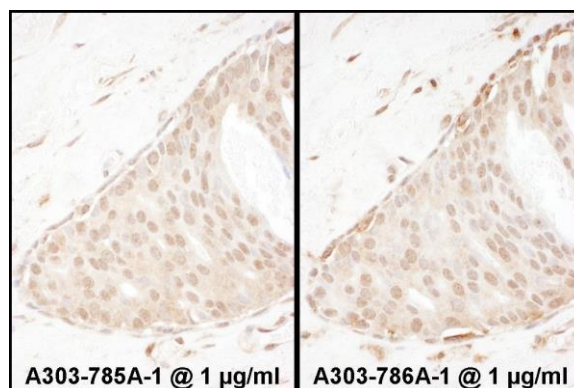
Date: June 21, 2019



Detection of human Beta-Arrestin 2 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-Arrestin 2 antibody A303-786A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. Beta-Arrestin 2 was also immunoprecipitated by rabbit anti-Beta-Arrestin 2 antibody A303-785A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).



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