

# Cdc42GAP Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_004299.1

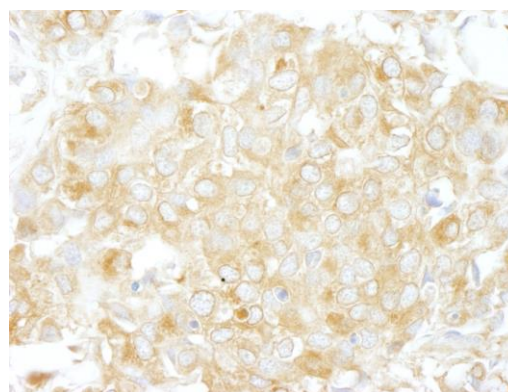
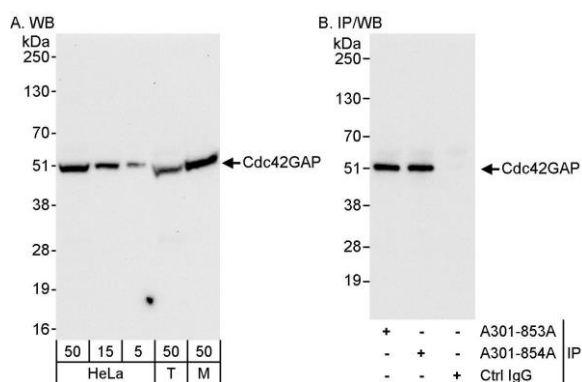
Catalog No. A301-853A GeneID 392

Lot No. A301-853A-1



<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	200 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to Cdc42GAP immobilized on solid support.  The epitope recognized by A301-853A maps to a region between residue 1 and 50 of human CDC42 GTPase-activating protein using the numbering given in entry NP_004299.1 (GeneID 392).  Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
<b>APPLICATIONS</b>	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 - 5 µg/mg lysate  Immunohistochemistry 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
<b>APPLICATION NOTES</b>	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).  Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
<b>IHC HUMAN CONTROLS</b>	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma
<b>ADDITIONAL INFO</b>	<a href="https://www.bethyl.com/product/A301-853A">https://www.bethyl.com/product/A301-853A</a> Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a>

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 and mouse Cdc42GAP by western blot (h&m) and immunoprecipitation (h).** *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-Cdc42GAP antibody A301-853A used for WB at 0.04 µg/ml (A) and 0.4 µg/ml (B) and used for IP at 3 µg/mg lysate. Cdc42GAP was also immunoprecipitated by rabbit anti-Cdc42GAP antibody A301-854A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A) and 1 second (B).

**Detection of human Cdc42GAP by immunohistochemistry.**

*Sample:* FFPE section of human breast carcinoma.

*Antibody:* Affinity purified rabbit anti-Cdc42GAP (Cat. No. A301-853A) used at a dilution of 1:200 (1 µg/ml).

*Detection:* DAB