Product datasheet

Anti-ARHGAP29 antibody ab85853

Overview

Product name: Anti-ARHGAP29 antibody
Description: Rabbit polyclonal to ARHGAP29
Host species: Rabbit
Tested applications: Suitable for: WB, IP
Species reactivity: Reacts with: Mouse, Human
Immunogen: Synthetic peptide corresponding to Human ARHGAP29 aa 1211-1261. Database link: NP_004806.3
Positive control: HeLa, 293T and NIH3T3 whole cell lysates.
General notes: The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer:
  pH: 7
  Preservative: 0.09% Sodium azide
  Constituent: Tris citrate/phosphate
Purity: Immunogen affinity purified
Purification notes: ab85853 was affinity purified using an epitope specific to ARHGAP29 immobilized on solid support.
Clonality: Polyclonal
Isotype: IgG

Applications
The Abpromise guarantee

Our Abpromise guarantee covers the use of ab85853 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
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<th>Notes</th>
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<td>IP</td>
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<td>Use at 2-5 µg/mg of lysate.</td>
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Target

Function

GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Has strong activity toward RHOA, and weaker activity toward RAC1 and CDC42. May act as a specific effector of RAP2A to regulate Rho. In concert with RASIP1, suppresses RhoA signaling and dampens ROCK and MYH9 activities in endothelial cells and plays an essential role in blood vessel tubulogenesis.

Tissue specificity


Sequence similarities

Contains 1 phorbol-ester/DAG-type zinc finger.
Contains 1 Rho-GAP domain.

Images

All lanes: Anti-ARHGAP29 antibody (ab85853) at 0.4 µg/ml

Lane 1: HeLa whole cell lysate at 50 µg
Lane 2: HeLa whole cell lysate at 15 µg
Lane 3: HeLa whole cell lysate at 5 µg
Lane 4: 293T whole cell lysate at 50 µg
Lane 5: NIH3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 142 kDa
Observed band size: 170 kDa

Exposure time: 30 seconds
Detection of ARHGAP29 by Western Blot of Immunoprecipitate. ab85853, at 1 µg/ml, staining ARHGAP29 in HeLa whole cell lysate immunoprecipitated using ab85853 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane). Detection: Chemiluminescence with exposure time of 10 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors