




Product datasheet

Anti-ARHGAP21 antibody ab220977

1 Image

Overview

Product name	Anti-ARHGAP21 antibody
Description	Rabbit polyclonal to ARHGAP21
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment corresponding to Human ARHGAP21 aa 1750-1850. Database link: Q5T5U3  Run BLAST with  Run BLAST with
Positive control	HeLa cells.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab220977 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Function

Functions as a GTPase-activating protein (GAP) for RHOA and CDC42. Downstream partner of ARF1 which may control Golgi apparatus structure and function. Also required for CTNNA1 recruitment to adherens junctions.

Tissue specificity

Widely expressed with higher expression in brain, heart, skeletal muscle and placenta.

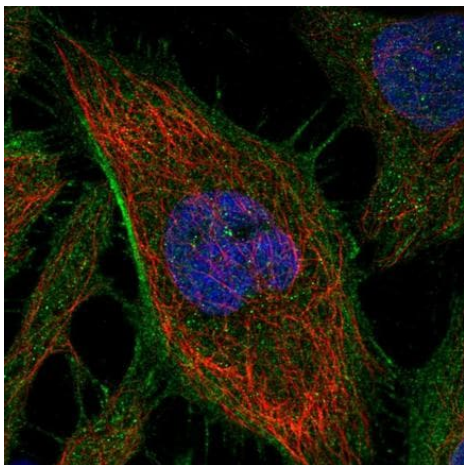
Sequence similarities

Contains 1 PDZ (DHR) domain.
Contains 1 PH domain.
Contains 1 Rho-GAP domain.

Cellular localization

Golgi apparatus membrane. Cell junction. Cytoplasmic vesicle membrane. Cytoplasm > cytoskeleton. Localization to the Golgi is dependent on interaction with GTP-bound ARF1.

Images



Immunofluorescent analysis of PFA-fixed/Triton X-100 permeabilized HeLa cells labeling ARHGAP21 with ab220977 at 4 µg/ml (green).

Immunocytochemistry/ Immunofluorescence - Anti-ARHGAP21 antibody (ab220977)

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

- Valid for 12 months from date of delivery
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