abcam

## Product datasheet

# Anti-ARHGAP4 antibody ab96251

2 Images

### Overview

| | |
|---|---|
| **Product name** | Anti-ARHGAP4 antibody |
| **Description** | Rabbit polyclonal to ARHGAP4 |
| **Host species** | Rabbit |
| **Tested applications** | **Suitable for:** WB, ICC/IF |
| **Species reactivity** | **Reacts with:** Human<br>**Predicted to work with:** Cow |
| **Immunogen** | Recombinant fragment corresponding to a region within amino acids 1-250 of Human ARHGAP4 (NP_001657). |
| **Positive control** | Jurkat whole cell lysate; A549 cells; NT2D1 cell line |
| **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.<br>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 or -80°C. Avoid repeated freeze / thaw cycles. |
| **Storage buffer** | pH: 7.00<br>Preservative: 0.01% Thimerosal (merthiolate)<br>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine) |
| **Purity** | Immunogen affinity purified |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |

### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab96251 in the following tested applications.

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

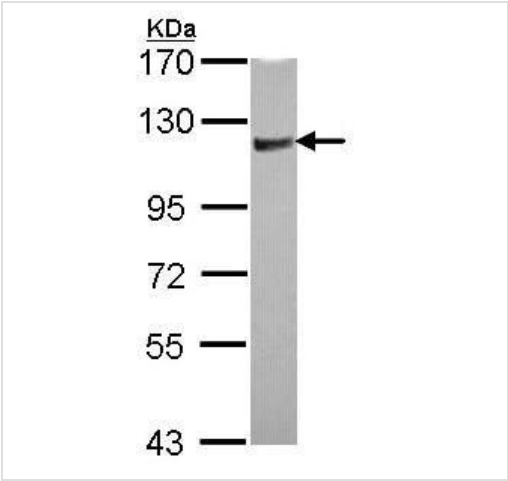
| Application | Abreviews | Notes |
|---|---|---|
| **WB** | | 1/500 - 1/3000. Predicted molecular weight: 105 kDa. |
| **ICC/IF** | | 1/100 - 1/200. |

## Target

**Relevance** ARHGAP4 (Rho GTPase-activating protein 4) has an inhibitory effect on stress fiber organization. It is a member of the group of signaling proteins involved in regulation of the small GTP-binding proteins of the RAS superfamily.

**Cellular localization** Cytoplasmic

## Images

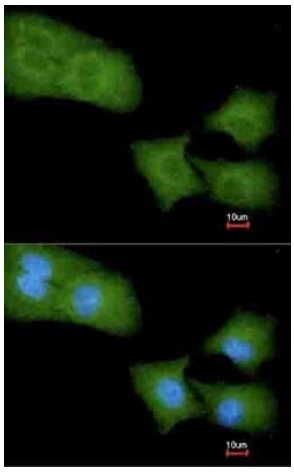



Western blot - Anti-ARHGAP4 antibody (ab96251)

Anti-ARHGAP4 antibody (ab96251) at 1/1000 dilution + Jurkat whole cell lysate at 30 µg

**Predicted band size:** 105 kDa

7.5% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-ARHGAP4 antibody (ab96251)

Immunofluorescence analysis of paraformaldehyde-fixed A549 cells, using sb96251 at 1/200 dilution. Lower image is merged with DNA probe.

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

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