


Product datasheet

Anti-ARHGAP4 antibody ab226835

2 Images

Overview

Product name	Anti-ARHGAP4 antibody
Description	Rabbit polyclonal to ARHGAP4
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Sheep, Horse, Cow, Dog, Pig, Chimpanzee, Cynomolgus monkey, Rhesus monkey, Orangutan 
Immunogen	Synthetic peptide within Human ARHGAP4 aa 350-400. The exact sequence is proprietary. Database link: P98171
Positive control	WB: Jurkat whole cell lysate. IP: Jurkat whole cell lysate.
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 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate pH 7 to 8
Purity	Immunogen affinity purified
Purification notes	ab226835 was affinity purified using an epitope specific to ARHGAP4 immobilized on solid support.

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab226835 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

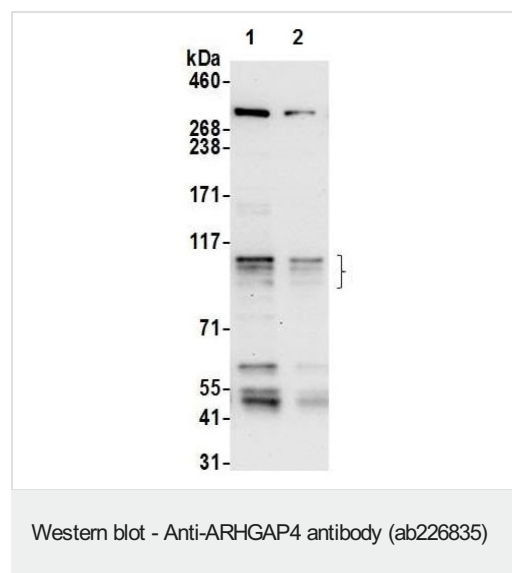
Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 105 kDa.
IP		Use at 2-10 µg/mg of lysate.

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



All lanes : Anti-ARHGAP4 antibody (ab226835) at 0.1 µg/ml

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate at 15 µg

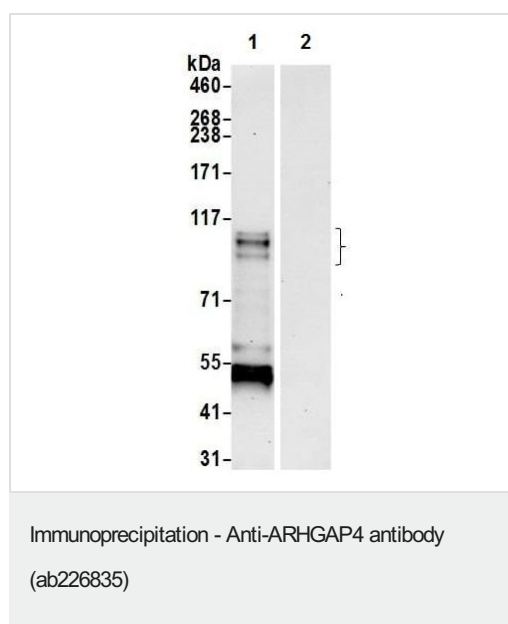
Lane 2 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate at 5 µg

Developed using the ECL technique.

Predicted band size: 105 kDa

Exposure time: 30 seconds

Lysates were prepared using NETN lysis buffer.



ARHGAP4 was immunoprecipitated from Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate (prepared using NETN lysis buffer; 1 mg for IP, 20% of IP loaded) with ab226835 at 6 µg/mg lysate. Western blot was performed from the immunoprecipitate using ab226835 at 0.4 µg/ml.

Lane 1: ab226835 IP in Jurkat whole cell lysate.

Lane 2: Control IgG IP in Jurkat whole cell lysate.

Detection: Chemiluminescence with exposure time of 30 seconds.

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

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