abcam

Product datasheet

Anti-ARHGAP17 antibody ab74454

★★★★☆ **1 Abreviews**　**3 References**　1 图像

概述

产品名称	Anti-ARHGAP17抗体
描述	兔多克隆抗体to ARHGAP17
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Synthetic peptide corresponding to Human ARHGAP17 aa 300-400 (internal sequence). Database link: **Q68EM7**
常规说明	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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee　　**Abpromise™承诺保证使用ab74454于以下的经测试应用**

"应用说明"部分 下显示的仅为**推荐的起始稀释度**；实际**最佳的稀释度/浓度**应**由使用者**检定。

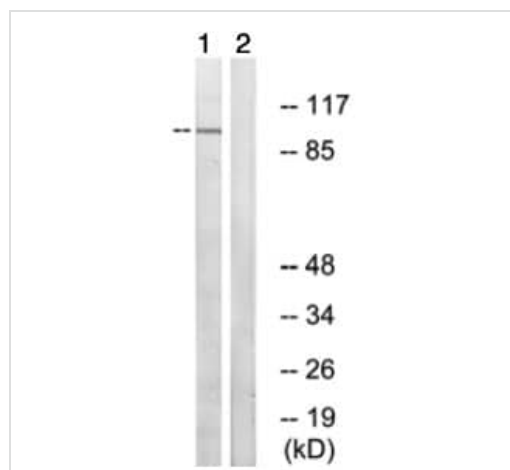| 应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 95 kDa (predicted molecular weight: 95 kDa).

靶标

相关性

ARHGAP17 is a Rho GTPase-activating protein involved in the maintenance of tight junction by regulating the activity of CDC42, thereby playing a central role in apical polarity of epithelial cells. It specifically acts as a GTPase activator for the CDC42 GTPase by converting it to an inactive GDP-bound state. The complex formed with AMOT acts by regulating the uptake of polarity proteins at tight junctions, possibly by deciding whether tight junction transmembrane proteins are recycled back to the plasma membrane or sent elsewhere. RHGAP17 participates in the Ca(2+)-dependent regulation of exocytosis, possibly by catalyzing GTPase activity of Rho family proteins and by inducing the reorganization of the cortical actin filaments. Acts as a GTPase activator in vitro for RAC1.

细胞定位

Cytoplasm; Cell membrane (tight junction)

图片

Western blot - Anti-ARHGAP17 antibody (ab74454)

All lanes : Anti-ARHGAP17 antibody (ab74454) at 1/500 dilution

Lane 1 : extracts from LOVO cells
Lane 2 : extracts from LOVO cells with immunizing peptide at 5 μg

Lysates/proteins at 15 μg per lane.

Predicted band size: 95 kDa
Observed band size: 95 kDa

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