

Anti-RASGRP 4 antibody ab96293

3 References **2 图像**

概述

产品名称	Anti-RASGRP 4抗体
描述	兔多克隆抗体to RASGRP 4
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to a region within amino acids 108 - 170 (KATGDTQELR RLQICHLVRY WLMRHPEVMH QDPQLEEVIG RFWATVAREG NSAQRRLGDS SDL) of Human RASGRP 4 (NP_733749).

 **Run BLAST with**  **Run BLAST with** 

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 or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 59.99% PBS, 40% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

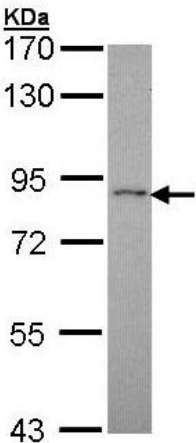
Abpromise™承诺保证使用ab96293于以下的经测试应用

“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
IHC-P		1/100.
WB		1/500 - 1/3000. Predicted molecular weight: 75 kDa.

靶标	
功能	Functions as a cation- and diacylglycerol (DAG)-regulated nucleotide exchange factor activating Ras through the exchange of bound GDP for GTP. May function in mast cells differentiation.
组织特异性	Expressed by mast cells and their progenitors (at protein level). Specifically expressed in mononuclear leukocytes. Highly expressed in myeloid cells compared to lymphoid cells. Also detected in heart, skeletal muscle, spleen, liver, placenta and lung. Not detected in brain. Isoform 1 is the major isoform in normal individuals. Isoform 2 is more significantly expressed in a patient with asthma. Isoform 3 is more significantly expressed in a patient with asthma and a mastocytosis patient.
序列相似性	Belongs to the RASGRP family. Contains 1 EF-hand domain. Contains 1 N-terminal Ras-GEF domain. Contains 1 phorbol-ester/DAG-type zinc finger. Contains 1 Ras-GEF domain.
发展阶段	Expressed early during development. Detected in all fetal tissues tested.
结构域	The phorbol-ester/DAG-type zinc finger mediates the binding and the functional activation by DAG.
细胞定位	Cytoplasm. Cell membrane. Recruited to membranes upon activation by DAG.

图片

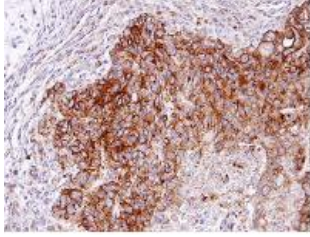


Western blot - Anti-RASGRP 4 antibody (ab96293)

Anti-RASGRP 4 antibody (ab96293) at 1/1000 dilution + Raji whole cell lysates at 30 µg

Predicted band size: 75 kDa

7.5% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RASGRP 4 antibody (ab96293)

ab96293, at a 1/100 dilution, staining RASGRP 4 in paraffin embedded SW480 (Human colon adenocarcinoma) tissue by Immunohistochemical analysis.

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

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