

Anti-RASGRP 4 antibody ab57978

2 图像

概述

产品名称	Anti-RASGRP 4抗体
描述	小鼠单克隆抗体to RASGRP 4
宿主	Mouse
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment: CGLCCHKHCR DQVKVECKKR PGAKGDAGPP GAPVPSTPAP HASCGSEENH SYTLSLEPET GCQLRHAWTQ TESPSPSWET DTVPCPVMDP PSTASSKLDS , corresponding to amino acids 574-674 of Human RASGRP 4 Run BLAST with Expasy Run BLAST with NCBI

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	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab57978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。

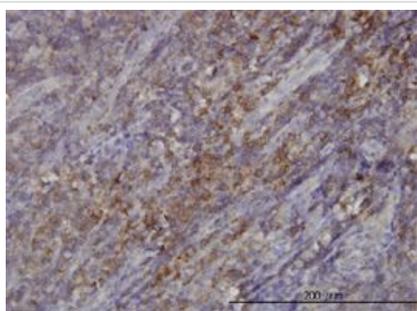
应用	Ab评论	说明

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WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.
IHC-P		Use a concentration of 3 µg/ml.

靶标

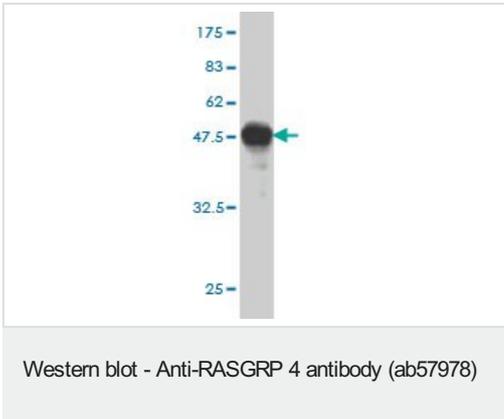
功能	Functions as a cation- and diacylglycerol (DAG)-regulated nucleotide exchange factor activating Ras through the exchange of bound GDP for GTP. May function in mast cells differentiation.
组织特异性	Expressed by mast cells and their progenitors (at protein level). Specifically expressed in mononuclear leukocytes. 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



RASGRP 4 antibody (ab57978) used in immunohistochemistry at 3µg/ml on formalin fixed and paraffin embedded human tonsil.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RASGRP 4 antibody (ab57978)



Western blot against tagged recombinant protein immunogen using ab57978 RASGRP 4 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa

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

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