

Product datasheet

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 HASCSEENH SYTLSLEPET GCQLRHAWTQ TESPSPSWET DTVPCPVMDP PSTASSKLDS , corresponding to amino acids 574-674 of Human RASGRP 4 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

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

Our [Abpromise guarantee](#) covers the use of **ab57978** in the following tested applications.

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

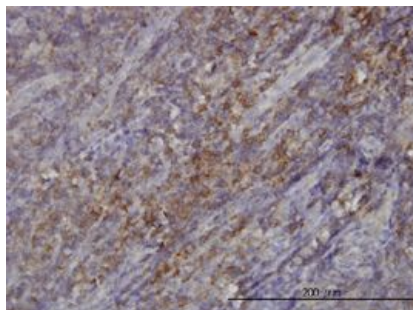
应用	Ab评论	说明

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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

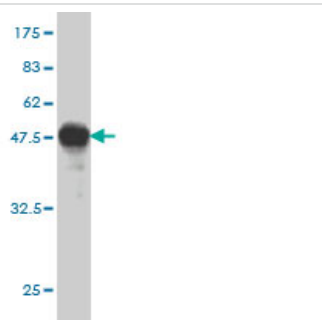
<b>功能</b>	Functions as a cation- and diacylglycerol (DAG)-regulated nucleotide exchange factor activating Ras through the exchange of bound GDP for GTP. May function in mast cells differentiation.
<b>组织特异性</b>	Expressed by mast cells and their progenitors (at protein level). Specifically expressed in 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.
<b>序列相似性</b>	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.
<b>发展阶段</b>	Expressed early during development. Detected in all fetal tissues tested.
<b>结构域</b>	The phorbol-ester/DAG-type zinc finger mediates the binding and the functional activation by DAG.
<b>细胞定位</b>	Cytoplasm. Cell membrane. Recruited to membranes upon activation by DAG.

## 图片



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

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



Western blot - 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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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