

Product datasheet

Anti-RAB27A antibody ab124325

1 图像

概述

产品名称	Anti-RAB27A抗体
描述	兔多克隆抗体to RAB27A
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Recombinant fragment, corresponding to amino acids 1-215 of Human RAB27A (BC132800).
阳性对照	HEK293 cell lysate; Human fetal skin lysate.

性能

形式	Lyophilised:Reconstitute in 200ul sterile H2O.
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 98% PBS, 1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

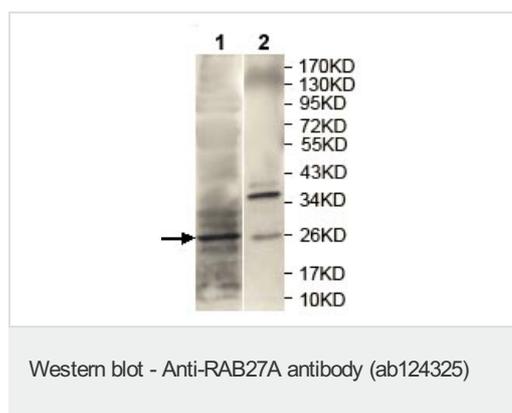
Our [Abpromise guarantee](#) covers the use of **ab124325** in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 25 kDa.

靶标

<b>功能</b>	Plays a role in cytotoxic granule exocytosis in lymphocytes. Required for both granule maturation and granule docking and priming at the immunologic synapse.
<b>组织特异性</b>	Found in all the examined tissues except in brain. Low expression was found in thymus, kidney, muscle and placenta. Detected in melanocytes, and in most tumor cell lines examined. Expressed in cytotoxic T-lymphocytes (CTL) and mast cells.
<b>疾病相关</b>	Defects in RAB27A are a cause of Griscelli syndrome type 2 (GS2) [MIM:607624]. Griscelli syndrome is a rare autosomal recessive disorder that results in pigmentary dilution of the skin and hair, the presence of large clumps of pigment in hair shafts, and an accumulation of melanosomes in melanocytes. GS2 patients also develop an uncontrolled T-lymphocyte and macrophage activation syndrome, known as hemophagocytic syndrome, leading to death in the absence of bone marrow transplantation. Neurological impairment is present in some patients, likely as a result of hemophagocytic syndrome.
<b>序列相似性</b>	Belongs to the small GTPase superfamily. Rab family.
<b>细胞定位</b>	Membrane. Melanosome. Late endosome. Lysosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Localizes to endosomal exocytic vesicles.

## 图片



**All lanes :** Anti-RAB27A antibody (ab124325) at 1/500 dilution

**Lane 1 :** HEK293 cell lysate.

**Lane 2 :** Human fetal skin lysate.

**Predicted band size:** 25 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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