


Anti-RASA1 (phospho Y460) antibody [EPR2620(2)] ab109465

重组 RabMAb

1 References **3 图像**

概述

产品名称	Anti-RASA1 (phospho Y460)抗体[EPR2620(2)]
描述	兔单克隆抗体[EPR2620(2)] to RASA1 (phospho Y460)
宿主	Rabbit
特异性	ab109465 only detects GAP phosphorylated at Tyrosine 460.
经测试应用	适用于: WB, ICC/IF 不适用于: IHC-P or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	293T cell lysates; 293T cells
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR2620(2)

同种型

IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab109465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		1/1000 - 1/10000. Predicted molecular weight: 116 kDa.
ICC/IF		1/100 - 1/250.

应用说明

Is unsuitable for IHC-P or IP.

靶标

功能

Inhibitory regulator of the Ras-cyclic AMP pathway. Stimulates the GTPase of normal but not oncogenic Ras p21.

组织特异性

In placental villi, detected only in the trophoblast layer (cytotrophoblast and syncytiotrophoblast). Not detected in stromal, endothelial or Hofbauer cells (at protein level).

疾病相关

Note=Mutations in the SH2 domain of RASA seem to be oncogenic and cause basal cell carcinomas.
Defects in RASA1 are the cause of capillary malformation-arteriovenous malformation (CMAVM) [MIM:608354]. CMAVM is a disorder characterized by atypical capillary malformations that are multiple, small, round to oval in shape and pinkish red in color. These capillary malformations are associated with either arteriovenous malformation, arteriovenous fistula, or Parkes Weber syndrome.
Defects in RASA1 are a cause of Parkes Weber syndrome (PKWS) [MIM:608355]. PKWS is a disorder characterized by a cutaneous flush with underlying multiple micro-arteriovenous fistulas, in association with soft tissue and skeletal hypertrophy of the affected limb.

序列相似性

Contains 1 C2 domain.
Contains 1 PH domain.
Contains 1 Ras-GAP domain.
Contains 2 SH2 domains.
Contains 1 SH3 domain.

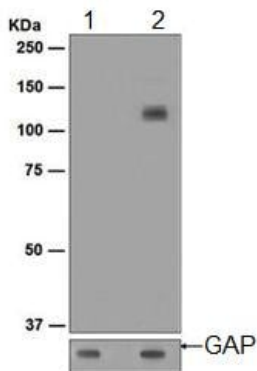
翻译后修饰

The N-terminus is blocked.

细胞定位

Cytoplasm.

图片



Western blot - Anti-RASA1 (phospho Y460) antibody [EPR2620(2)] (ab109465)

All lanes : Anti-RASA1 (phospho Y460) antibody [EPR2620(2)] (ab109465) at 1/1000 dilution

Lane 1 : 293T cell lysates, untreated

Lane 2 : 293T cell lysates treated with Pervanadate

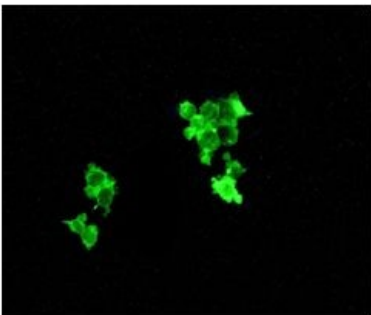
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP-labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 116 kDa

Note: The lower panel utilized an alternative anti-GAP antibody which does not require phosphorylation for detection of the antigen.



Immunocytochemistry/ Immunofluorescence - Anti-RASA1 (phospho Y460) antibody [EPR2620(2)] (ab109465)

ab109465 at 1/100 dilution staining GAP in 293T cells by Immunofluorescence.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-RASA1 (phospho Y460) antibody [EPR2620(2)]
(ab109465)

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