


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

リコンビナント **RabMAb**

1 References [画像数 3](#)

製品の概要

製品名	Anti-RASA1 (phospho Y460) antibody [EPR2620(2)]
製品の詳細	Rabbit monoclonal [EPR2620(2)] to RASA1 (phospho Y460)
由来種	Rabbit
特異性	ab109465 only detects GAP phosphorylated at Tyrosine 460.
アプリケーション	適用あり: WB, ICC/IF 適用なし: IHC-P or IP
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	293T cell lysates; 293T cells
特記事項	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 .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR2620(2)

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab109465の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 116 kDa.
ICC/IF		1/100 - 1/250.

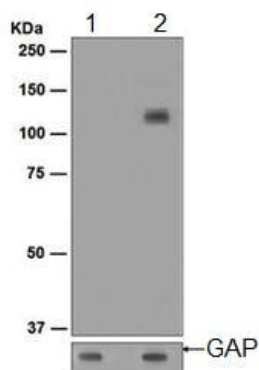
追加情報

Is unsuitable for IHC-P or IP.

ターゲット情報

機能	Inhibitory regulator of the Ras-cyclic AMP pathway. Stimulates the GTPase of normal but not oncogenic Ras p21.
組織特異性	In placental villi, detected only in the trophoblast layer (cytotrophoblast and syncytiotrophoblast). Not detected in stromal, endothelial or Hofbauer cells (at protein level).
関連疾患	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.
配列類似性	Contains 1 C2 domain. Contains 1 PH domain. Contains 1 Ras-GAP domain. Contains 2 SH2 domains. Contains 1 SH3 domain.
翻訳後修飾	The N-terminus is blocked.
細胞内局在	Cytoplasm.

画像



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

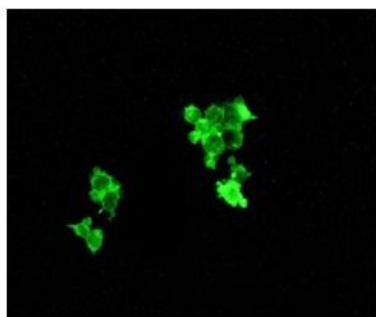
Lysates/proteins at 10 µg per lane.

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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