abcam

Product datasheet

Anti-Plexin A1 antibody [EPR3449] ab92346



重组 RabMAb

★★★★★ 2 Abreviews 1 References 3 图像

概述

产品名称 Anti-Plexin A1抗体[EPR3449]

描述 兔单克隆抗体[EPR3449] to Plexin A1

宿主 Rabbit

特异性 ab92346 is expected to cross react with Plexin A3 and A4 due to 100% immunogen homology

with Plexin A3 and 87.5 % with Plexin A4, however not tested experimentally.

经测试应用 适用于: Flow Cyt (Intra), WB

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 within Human Plexin A1 aa 100-200. The exact sequence is proprietary.

阳性对照 WB: KS62, HUVEC and HepG2 whole cell lysate (ab7900); fetal brain tissue lysate Flow Cyt

(intra): K562 cells

常规说明 This product is a recombinant monoclonal antibody, which offers several advantages including:

- 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. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

存储溶液 pH: 7.20

Preservative: 0.05% Sodium azide

Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue

culture supernatant

纯度 Protein A purified

纯化说明 This antibody is not purified. It is provided in cell supernatant and storage buffer.

克隆 单克隆

克隆编号 EPR3449

同种型 IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab92346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
Flow Cyt (Intra)		1/50. ab172730 - Rabbit monoclonal lgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★(2)	1/1000 - 1/2000. Predicted molecular weight: 211 kDa.

应用说明 Is unsuitable for IHC-P or IP.

靶标

相关性 Function: Coreceptor for SEMA3A, SEMA3C, SEMA3F and SEMA6D. Necessary for signaling

by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed

of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific

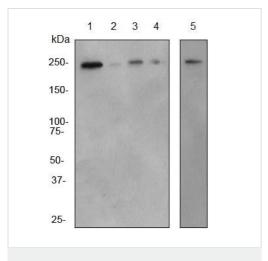
semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling

events in the cytoplasm. Tissue specificity: Detected in fetal brain, lung, liver and kidney.

Similarity: Belongs to the plexin family. Contains 4 IPT/TIG domains. Contains 1 Sema domain.

细胞定位 Cell Membrane

图片



Western blot - Anti-Plexin A1 antibody [EPR3449] (ab92346)

All lanes : Anti-Plexin A1 antibody [EPR3449] (ab92346) at 1/1000 dilution

Lane 1 : K562 cell lysate
Lane 2 : 293T cell lysate

Lane 3 : HUVEC cell lysate

Lane 4 : HepG2 cell lysate

Lane 5: Fetal brain tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

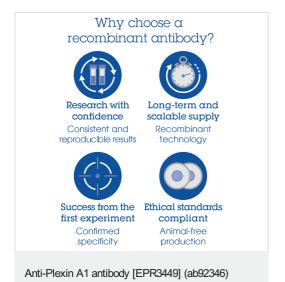
All lanes: HRP labelled goat anti-rabbit antibody at 1/2000 dilution

Predicted band size: 211 kDa

plexin-A1

Flow Cytometry (Intracellular) - Anti-Plexin A1 antibody [EPR3449] (ab92346)

Intracellular Flow Cytometry analysis of permeabilized K562 cells labeling Plexin A1 with ab92346 at 1/50 (red) campared to a rabbit lgG (negative control) (green).



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