abcam

Product datasheet

Anti-TIM50 antibody [EPR5785] ab109436



重组 RabMAb

★★★★★ 2 Abreviews 5 References 3 图像

概述

产品名称 Anti-TIM50抗体[EPR5785]

描述 兔单克隆抗体[EPR5785] to TIM50

宿主 Rabbit

经测试应用 适用于: WB

不适用于: Flow Cyt,ICC/IF or IHC-P

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, SH-SY5Y, HepG2, and HeLa whole cell lysate (ab150035)

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.

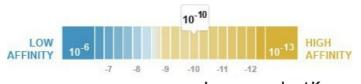
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

性能

形式 Liquid

存放说明 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

 $K_D = 1.56 \times 10^{-10} M$ 解离常数(KD)



Learn more about K_D

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

克隆 单克隆

克隆编号 EPR5785

同种型 IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab109436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	**** <u>(1)</u>	1/1000 - 1/10000. Predicted molecular weight: 40 kDa.

应用说明 Is unsuitable for Flow Cyt,ICC/IF or IHC-P.

靶标

功能 Essential component of the TIM23 complex, a complex that mediates the translocation of transit

peptide-containing proteins across the mitochondrial inner membrane. Has some phosphatase activity in vitro; however such activity may not be relevant in vivo. Isoform 2 may participate in the

release of snRNPs and SMN from the Cajal body.

组织特异性 Widely expressed. Expressed at higher level in brain, kidney and liver (at protein level).

序列相似性 Belongs to the TIM50 family.

Contains 1 FCP1 homology domain.

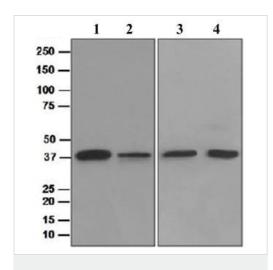
结**构域** The FCP1 homology domain does not contain the canonical D-x-D-x-[TV] active site, suggesting

that it probably does not display phosphatase activity in vivo.

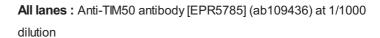
细胞定位 Mitochondrion inner membrane and Nucleus speckle. Nuclear and enriched in speckles with

snRNPs.

图片



Western blot - Anti-TIM50 antibody [EPR5785] (ab109436)



Lane 1 : HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

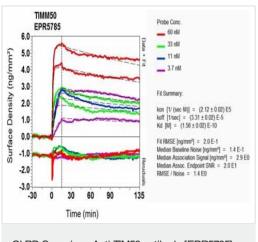
Lane 2: SH-SY5Y (Human neuroblastoma cell line from bone marrow) whole cell lysate

Lane 3 : Hep G2 (Human liver hepatocellular carcinoma cell line) whole cell lysate

Lane 4 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 40 kDa



Ol-RD Scanning - Anti-TIM50 antibody [EPR5785] (ab109436)

Equilibrium disassociation constant (K_D) Learn more about K_D

Click here to learn more about KD



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