abcam

Product datasheet

Anti-DCTN4 antibody [EPR11223] ab170107



重组 RabMAb

★★★★ 4 Abreviews 4 图像

概述

产品名称 Anti-DCTN4抗体[EPR11223]

描述 兔单克隆抗体[EPR11223] to DCTN4

宿主 Rabbit

经测试应用 适用于: WB. ICC/IF. IHC-P

不适用于: Flow Cyt or IP

种属反应性 与反应: Human

预测可用于: Mouse, Rat 🗥

免疫原 Recombinant fragment corresponding to Human DCTN4.

阳性对照 Human fetal brain, U87-MG, K562 or HeLa lysate, Human kidney tissue, HeLa 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

term.

存储溶液 pH: 7.2

Preservative: 0.01% Sodium azide

Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

supernatant

纯度 Tissue culture supernatant

克隆 单克隆

克隆编号 EPR11223

同种型 IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab170107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	★★★★★ (3)	1/1000 - 1/10000. Predicted molecular weight: 62 kDa.
ICC/IF	*** <u>*</u>	1/100 - 1/250.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Use of an HRP/AP polymerized secondary antibody recommended.

应**用说明** Is unsuitable for Flow Cyt or IP.

靶标

功能 Could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end

capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking

dynein and dynactin to the cortical cytoskeleton.

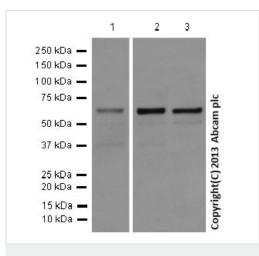
序列相似性 Belongs to the dynactin subunit 4 family.

细胞定位 Cytoplasm > cytoskeleton. Cytoplasm > cytoskeleton > centrosome. Has a punctate cytoplasmic

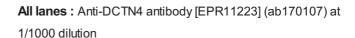
distribution as well as centrosomal distribution typical of dynactin. Overexpression does not disrupt microtubule organization or the integrity of the Golgi but does cause both cytosolic and nuclear distribution, suggesting that this polypeptide may be targeted to the nucleus at very high

expression levels.

图片



Western blot - Anti-DCTN4 antibody [EPR11223] (ab170107)



Lane 1 : U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) cell lysate

Lane 2 : K562 cell lysate

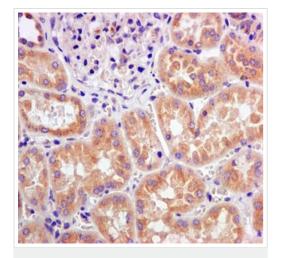
Lane 3 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 62 kDa



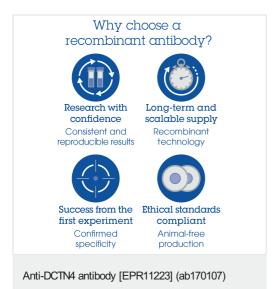
Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-DCTN4 antibody
[EPR11223] (ab170107)

Immunohistochemical analysis of paraffin embedded Human kidney tissue labeling DCTN4 with ab170107 at a 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunocytochemistry/ Immunofluorescence - Anti-DCTN4 antibody [EPR11223] (ab170107)

Immunofluorescence analysis of HeLa cells labeling DCTN4 with ab170107 at a 1/100 dilution (red) plus Dapi staining (blue).



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