

Anti-DCTN3 antibody [EPR5097] ab124674

重组 RabMAb

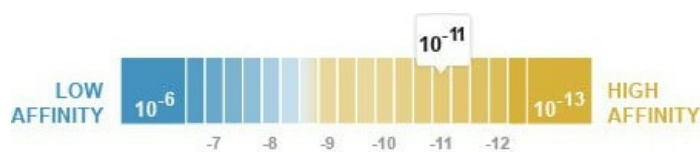
★★★★★ 6 Abreviews 9 图像

概述

| | |
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| 产品名称 | Anti-DCTN3抗体[EPR5097] |
| 描述 | 兔单克隆抗体[EPR5097] to DCTN3 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: ICC/IF, WB, IHC-P |
| 种属反应性 | 与反应: Mouse, Rat, Human |
| 免疫原 | Synthetic peptide within Human DCTN3 aa 100-200. The exact sequence is proprietary. Database link: O75935 |
| 阳性对照 | 293T, HeLa, BxPC 3, SH-SY5Y and mouse and rat muscle lysates; Human breast tissue. |
| 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. |
| 解离常数 (K_D) | $K_D = 5.58 \times 10^{-11}$ M |



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| 存储溶液 | pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, PBS |
|------|--|

| | |
|------|--------------------|
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | EPR5097 |
| 同种型 | IgG |

应用

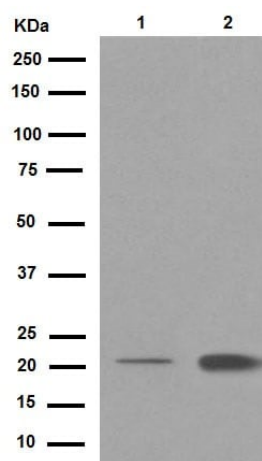
The Abpromise guarantee **Abpromise™**承诺保证使用ab124674于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|--------|-----------|---|
| ICC/IF | ★★★★★ (1) | 1/2000 - 1/10000. |
| WB | ★★★★★ (4) | 1/2000 - 1/10000. Detects a band of approximately 21 kDa (predicted molecular weight: 21 kDa). |
| IHC-P | | 1/100. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> . |

靶标

| | |
|-------|--|
| 功能 | Together with dynein may be involved in spindle assembly and cytokinesis. |
| 组织特异性 | Ubiquitously expressed. Highly expressed in muscle and pancreas and detected at lower levels in brain. |
| 序列相似性 | Belongs to the dynactin subunit 3 family. |
| 细胞定位 | Cytoplasm. Cytoplasm > cytoskeleton > centrosome. Chromosome > centromere > kinetochore. Cytoplasm > cytoskeleton > spindle. Cleavage furrow. Midbody. Localizes to punctate cytoplasmic structures and to the centrosome during interphase, and to kinetochores and to spindle poles throughout mitosis. Colocalizes with dynein to the cleavage furrow and to midbody of dividing cells. |

图片



Western blot - Anti-DCTN3 antibody [EPR5097]
(ab124674)

All lanes : Anti-DCTN3 antibody [EPR5097] (ab124674) at
1/10000 dilution (purified)

Lane 1 : 293T cell lysate

Lane 2 : SH-SY5Y cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

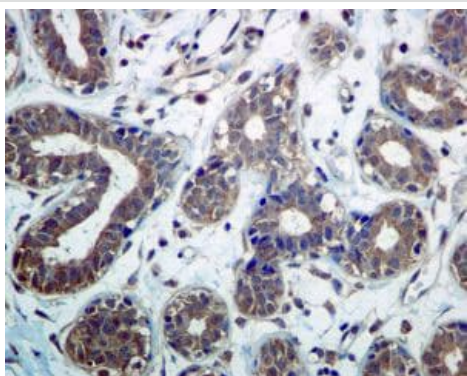
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 21 kDa

Observed band size: 21 kDa

Blocking buffer: 5% NFDM/TBST

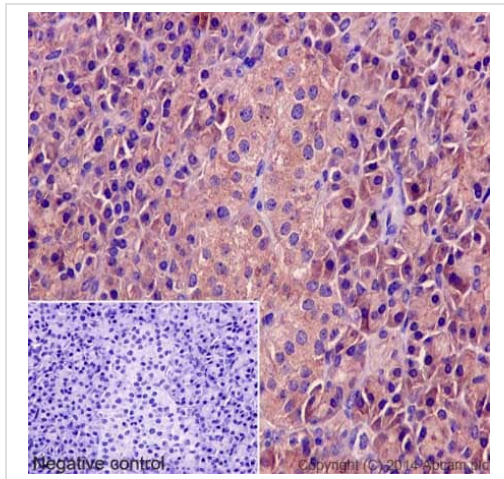
Dilution buffer: 5% NFDM/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-DCTN3 antibody
[EPR5097] (ab124674)

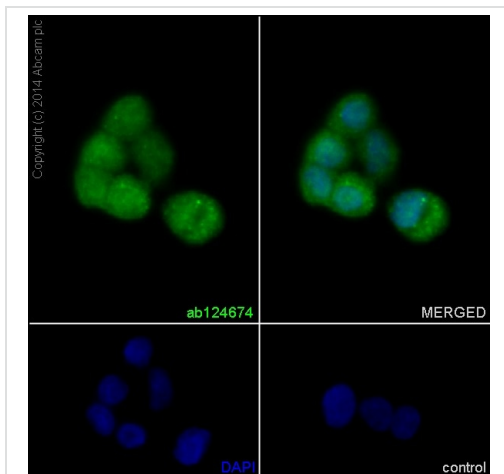
Immunohistochemical staining of DCTN3 in paraffin embedded
human breast tissue by unpurified ab124674 at 1/100 dilution.

Perform heat mediated antigen retrieval via the pressure cooker
method before commencing with IHC staining protocol.



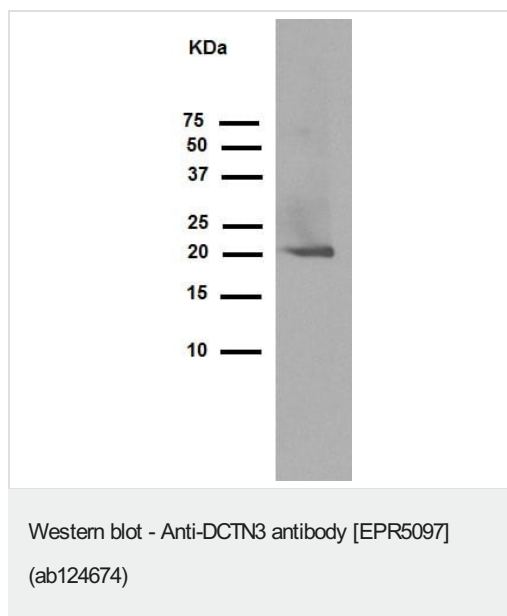
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DCTN3 antibody [EPR5097] (ab124674)

Immunohistochemical staining of paraffin embedded human pancreas with purified ab124674 at a working dilution of 1 in 100. The secondary antibody used is a HRP polymer for rabbit IgG. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control, and is shown in the inset.



Immunocytochemistry/ Immunofluorescence - Anti-DCTN3 antibody [EPR5097] (ab124674)

Immunofluorescence staining of BxPC-3 cells with purified ab124674 at a working dilution of 1 in 100, counter-stained with DAPI. The secondary antibody was Alexa Fluor® 488 goat anti rabbit (**ab150077**), used at a dilution of 1 in 500. The cells were fixed in 4% PFA and permeabilized using 0.1% Triton X 100. The negative control is shown in bottom right hand panel - for the negative control, purified ab124674 was used at a dilution of 1/200 followed by an Alexa Fluor® 594 goat anti-mouse antibody (**ab15120**) at a dilution of 1/500.



Anti-DCTN3 antibody [EPR5097] (ab124674) at 1/10000 dilution
(purified) + Rat muscle at 20 µg

Secondary

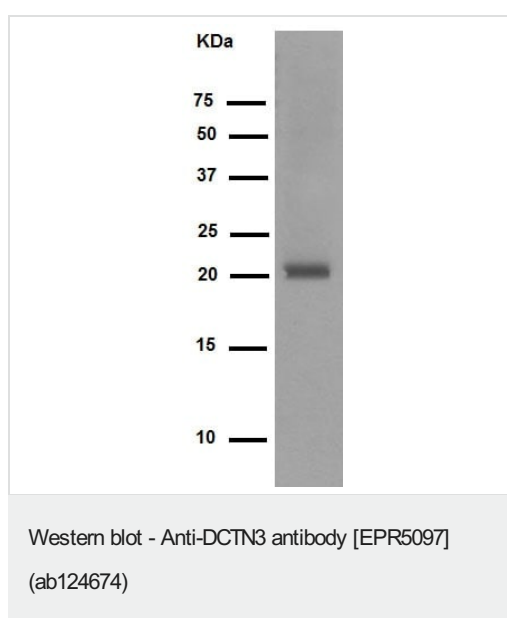
HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 21 kDa

Observed band size: 21 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Anti-DCTN3 antibody [EPR5097] (ab124674) at 1/2000 dilution
(purified) + Mouse muscle at 10 µg

Secondary

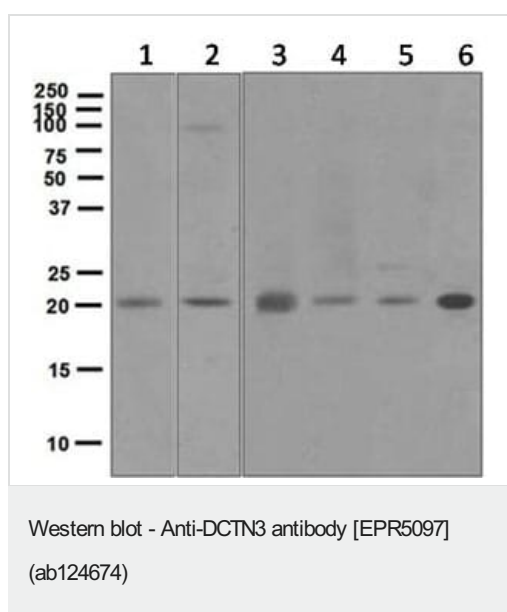
HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 21 kDa

Observed band size: 21 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



All lanes : Anti-DCTN3 antibody [EPR5097] (ab124674) at 1/1000 dilution (unpurified)

Lane 1 : 293T cell lysates

Lane 2 : Mouse muscle lysates

Lane 3 : HeLa cell lysates

Lane 4 : BxPC 3 cell lysates

Lane 5 : SH-SY5Y cell lysates

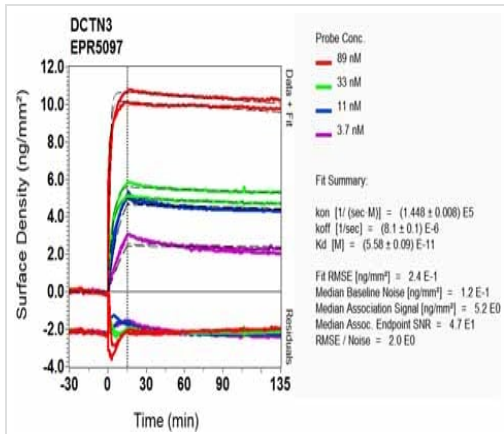
Lane 6 : Rat muscle lysates

Lysates/proteins at 10 µg per lane.

Secondary

Lanes 1-3 & 5-6 : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 21 kDa



SPR Scanning - Anti-DCTN3 antibody [EPR5097]
(ab124674)

Equilibrium dissociation constant (K_D)

[Learn more about \$K_D\$](#)

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



Anti-DCTN3 antibody [EPR5097] (ab124674)

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