

Anti-DLK-1 antibody [EPR19830] ab210471

敲除验证 重组 RabMAb

★★★★★ [3 Abreviews](#) [4 References](#) [6 图像](#)

概述

产品名称	Anti-DLK-1抗体[EPR19830]
描述	兔单克隆抗体[EPR19830] to DLK-1
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Rat
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Mouse placenta and embryo lysates. IHC-P: Mouse cerebrum and E14.5 embryo tissues; Rat cerebrum tissue.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR19830
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab210471 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	★★★★★ (1)	1/1000. Detects a band of approximately 50 kDa (predicted molecular weight: 41 kDa).
IHC-P	★★★★★ (2)	1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

靶标

功能

May have a role in neuroendocrine differentiation.

组织特异性

Found within the stromal cells in close contact to the vascular structure of placental villi, yolk sac, fetal liver, adrenal cortex and pancreas and in the beta cells of the islets of Langerhans in the adult pancreas. Found also in some forms of neuroendocrine lung tumor tissue.

序列相似性

Contains 6 EGF-like domains.

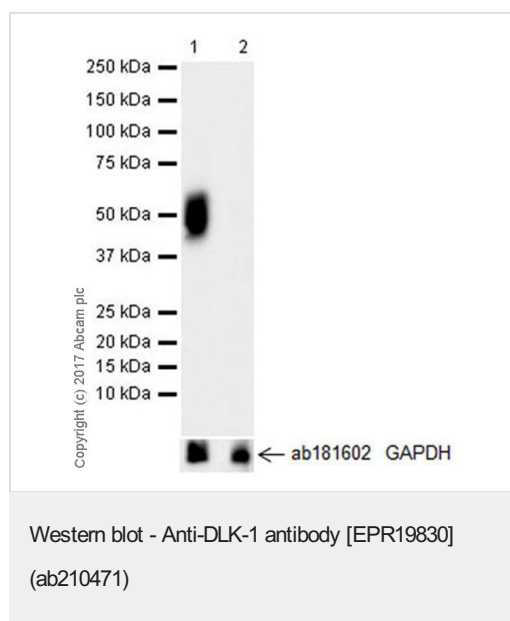
翻译后修饰

N- and O-glycosylated.

细胞定位

Membrane.

图片



All lanes : Anti-DLK-1 antibody [EPR19830] (ab210471) at 1/1000 dilution

Lane 1 : Mouse placenta lysate

Lane 2 : DLK-1-knockout mouse placenta lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Developed using the ECL technique.

Predicted band size: 41 kDa

Observed band size: 50 kDa

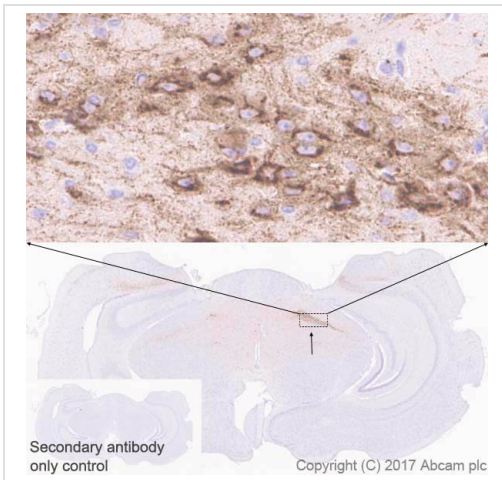
Exposure time: 32 seconds

Blocking/Dilution buffer: 5% NFD/MTBST.

The expression pattern is consistent with the literature (PMID: 21419176 and PMID: 19247431).

The tissue lysates were kindly provided by our collaborator Prof. Anne Ferguson-Smith, Cambridge University.

The blot was developed on a BIO-RAD® ChemiDoc™ MP instrument.

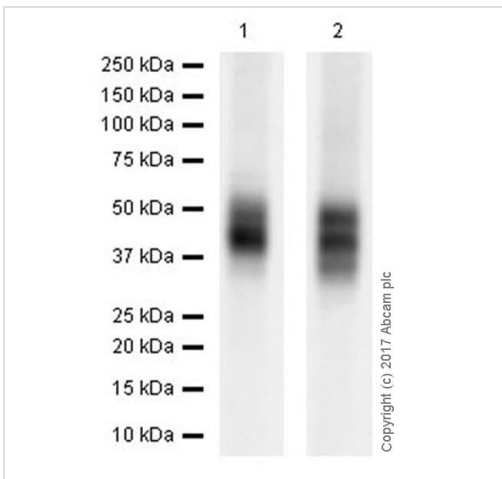


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DLK-1 antibody [EPR19830] (ab210471)

Immunohistochemical analysis of paraffin-embedded mouse cerebrum tissue labeling DLK-1 with ab210471 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Cytoplasmic staining in the substantia nigra and ventral tegmental area (arrow) of mouse cerebrum (PMID: 19515692) is observed. Counter stained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).



Western blot - Anti-DLK-1 antibody [EPR19830] (ab210471)

All lanes : Anti-DLK-1 antibody [EPR19830] (ab210471) at 1/5000 dilution

Lane 1 : Mouse placenta lysate at 0.005 µg

Lane 2 : Mouse embryo lysate at 5 µg

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Developed using the ECL technique.

Predicted band size: 41 kDa

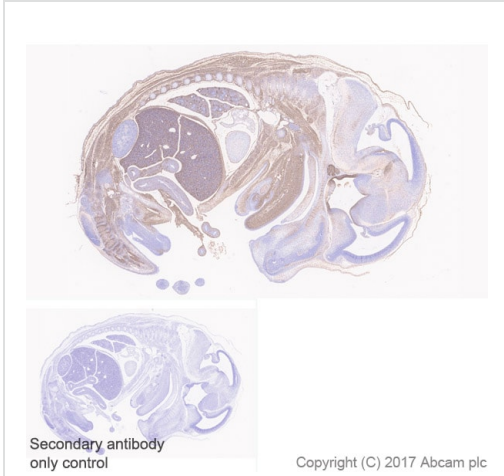
Observed band size: 50 kDa

Exposure time: 1 minute

Blocking/Dilution buffer: 5% NFD/MTBST.

The expression pattern is consistent with the literature (PMID: 21419176 and PMID: 19247431).

The blot was developed on a BIO-RAD[®] ChemiDoc[™] MP instrument.



Immunohistochemical analysis of paraffin-embedded mouse E14.5 embryo tissue labeling DLK-1 with ab210471 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Cytoplasmic staining in mouse E14.5 embryo (PMID: 16456855) is observed. Counter stained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DLK-1 antibody [EPR19830] (ab210471)



Immunohistochemical analysis of paraffin-embedded rat cerebrum tissue labeling DLK-1 with ab210471 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Cytoplasmic staining in the substantia nigra and ventral tegmental area (arrow) of rat cerebrum (PMID: 19515692) is observed. Counter stained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DLK-1 antibody [EPR19830] (ab210471)

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-DLK-1 antibody [EPR19830] (ab210471)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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