

Anti-Neurturin antibody [EPR23301-10] ab274417

重组 RabMAb

7 图像

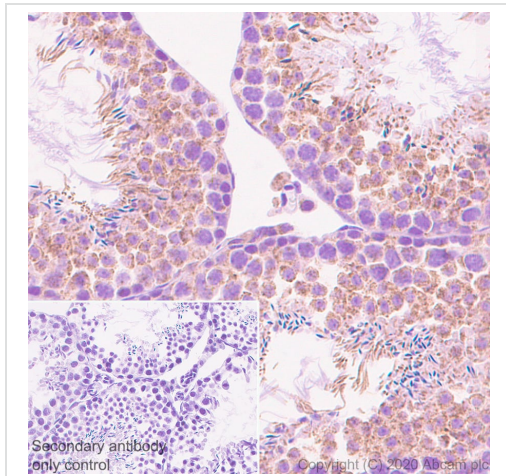
概述

产品名称	Anti-Neurturin抗体[EPR23301-10]
描述	兔单克隆抗体[EPR23301-10] to Neurturin
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt, ICC/IF or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human heart, testis and brain tissue lysates; Mouse embryo and heart tissue lysates; Rat heart and brain tissue lysates; SH-SY5Y and Neuro-2a whole cell lysates. IHC-P: Human cerebrum and testis tissue; Mouse testis tissue; Rat testis 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. 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	EPR23301-10

同种型	IgG	
应用		
<div>The Abpromise guarantee</div> <div>Abpromise™承诺保证使用ab274417于以下的经测试应用</div> <div>“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。</div>		
应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 16, 28 kDa (predicted molecular weight: 22 kDa).
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
应用说明	Is unsuitable for Flow Cyt,ICC/IF or IP.	
靶标		
功能	Supports the survival of sympathetic neurons in culture. May regulate the development and maintenance of the CNS. Might control the size of non-neuronal cell population such as haemopoietic cells.	
疾病相关	Defects in NRTN are a cause of Hirschsprung disease (HSCR) [MIM:142623]. In association with mutations of RET gene, and possibly with other loci, defects in NRTN are involved in Hirschsprung disease. This genetic disorder of neural crest development is characterized by the absence of intramural ganglion cells in the hindgut, often resulting in intestinal obstruction.	
序列相似性	Belongs to the TGF-beta family. GDNF subfamily.	
细胞定位	Secreted.	
图片		

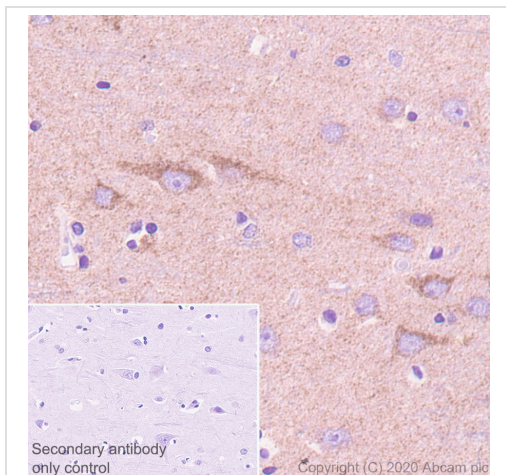


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neurturin antibody [EPR23301-10] (ab274417)

Immunohistochemical analysis of paraffin-embedded Mouse testis tissue labeling Neurturin with ab274417 at 1/500 (1.094 ug/ml) dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on mouse testis. The section was incubated with ab274417 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

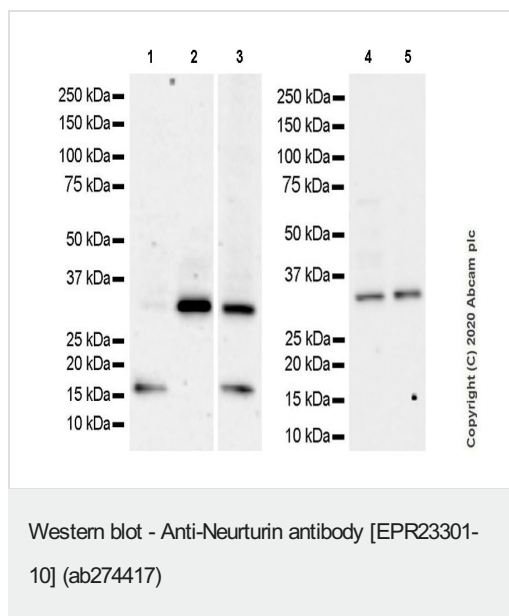


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neurturin antibody [EPR23301-10] (ab274417)

Immunohistochemical analysis of paraffin-embedded Human cerebrum tissue labeling Neurturin with ab274417 at 1/500 (1.094 ug/ml) dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on human cerebrum (PMID: 25841760). The section was incubated with ab274417 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



All lanes : Anti-Neurturin antibody [EPR23301-10] (ab274417) at 1/1000 dilution

Lane 1 : Mouse embryo tissue lysate

Lane 2 : Mouse heart tissue lysate

Lane 3 : Neuro-2a (mouse neuroblastoma neuroblast), whole cell lysate

Lane 4 : Rat heart tissue lysate

Lane 5 : Rat brain tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/100000 dilution

Predicted band size: 22 kDa

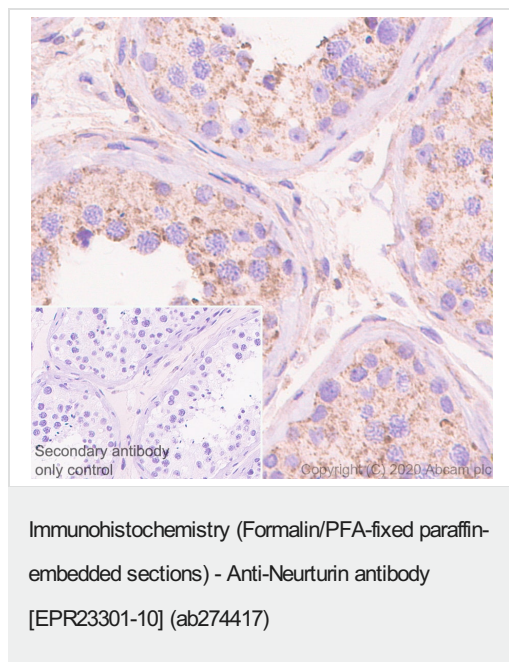
Observed band size: 16,28 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Lanes 1-3 were developed using a higher sensitivity ECL substrate.

16-kDa Monomeric and 28-kDa dimeric form of Neurturin are observed. The molecular weight observed is consistent with what has been described in the literature (PMID: 15829225, PMID: 24067900).

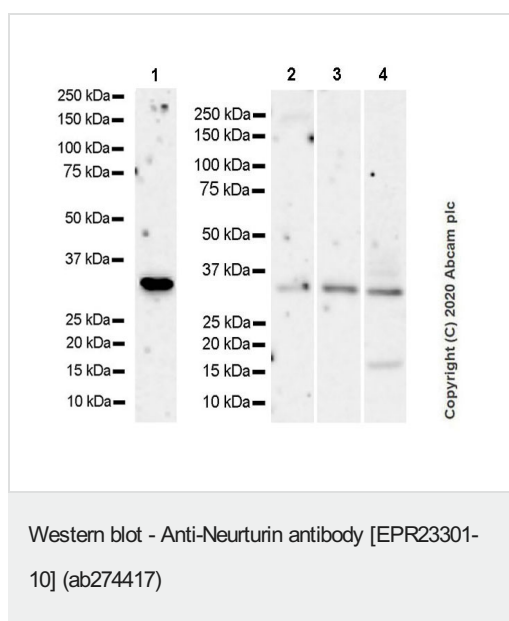
Exposure times: Lane 1-3: 3 minutes Lane 4-5: 37 seconds.



Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling Neurturin with ab274417 at 1/500 (1.094 ug/ml) dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on human testis. The section was incubated with ab274417 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



All lanes : Anti-Neurturin antibody [EPR23301-10] (ab274417) at 1/1000 dilution

Lane 1 : Human heart tissue lysate

Lane 2 : Human testis tissue lysate

Lane 3 : Human brain tissue lysate

Lane 4 : SH-SY5Y (human neuroblastoma epithelial cell), whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : VeriBlot for IP secondary antibody(HRP)(**ab131366**) at 1/1000 dilution

Predicted band size: 22 kDa

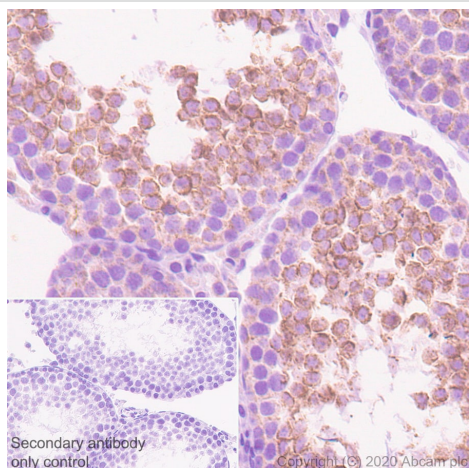
Observed band size: 16,28 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

This blot was developed using a higher sensitivity ECL substrate.

16-kDa Monomeric and 28-kDa dimeric form of Neurturin are observed. The molecular weight observed is consistent with what has been described in the literature (PMID: 15829225, PMID: 24067900).

Exposure time: 3 minutes.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neurturin antibody [EPR23301-10] (ab274417)

Immunohistochemical analysis of paraffin-embedded Rat testis tissue labeling Neurturin with ab274417 at 1/500 (1.094 ug/ml) dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on rat testis (PMID: 10415380). The section was incubated with ab274417 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

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-Neurturin antibody [EPR23301-10] (ab274417)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors