

Anti-Tenascin C antibody [EPR4219] ab108930

重组 RabMAb

★★★★★ **16 Abreviews** **81 References** **11 图像**

概述

产品名称	Anti-Tenascin C抗体[EPR4219]
描述	兔单克隆抗体[EPR4219] to Tenascin C
宿主	Rabbit
特异性	IHC on human tissues which we tested (such as testis, pancreas and stomach) showed non-specific staining. We don't recommend this antibody for IHC on human tissues.
经测试应用	适用于: IHC-P, WB, IHC-Fr 不适用于: ICC/IF or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-Fr: Mouse E14 spinal cord and cerebellar cortex tissue; Rat cerebellar cortex tissue. IHC-P: Rat cerebellar cortex tissue; Mouse E14 spinal cord and cerebellar cortex tissue. WB: U87-MG cell lysate; Postnatal mouse cerebellum lysate; Postnatal rat brain lysate; Human fetal brain lysate.
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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS, 0.05% BSA
纯度	Protein A purified

克隆	单克隆
克隆编号	EPR4219
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab108930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
IHC-P	★★★★★ (10)	Use at an assay dependent concentration.
WB		1/1000 - 1/10000. Predicted molecular weight: 241 kDa.
IHC-Fr	★★★★★ (2)	Use at an assay dependent concentration.

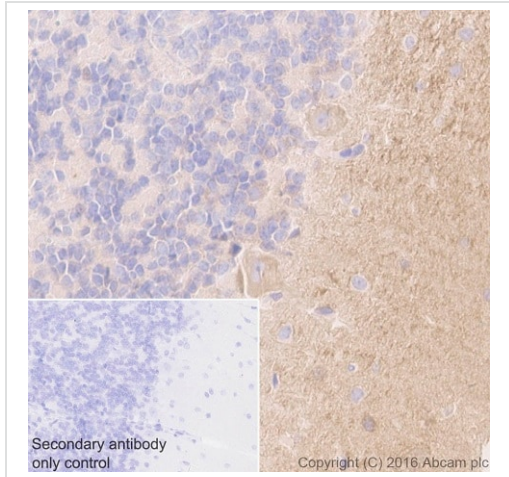
应用说明

Is unsuitable for ICC/IF or IP.

靶标

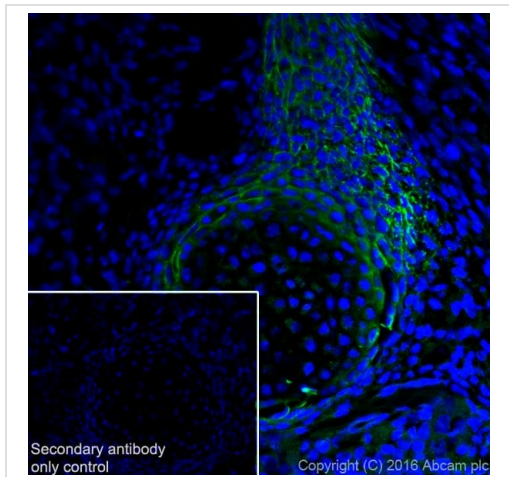
功能	Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6.
序列相似性	Belongs to the tenascin family. Contains 15 EGF-like domains. Contains 1 fibrinogen C-terminal domain. Contains 15 fibronectin type-III domains.
细胞定位	Secreted > extracellular space > extracellular matrix.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tenascin C antibody [EPR4219] (ab108930)

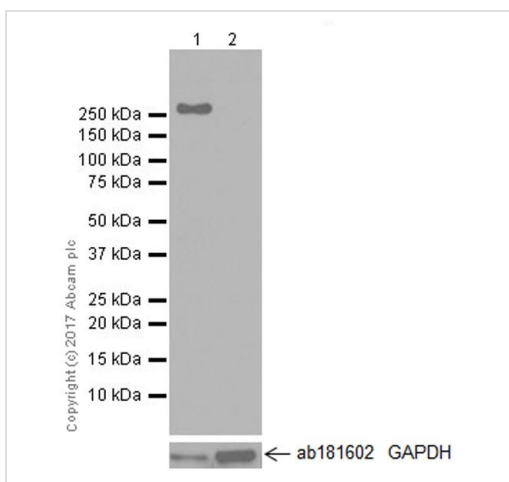
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat cerebellar cortex labeling Tenascin C with ab108930 at 1/500 dilution (0.854 µg/ml). Heat mediated antigen retrieval was performed using Tris/EDTA Buffer, pH 9 ([ab93684](#)). A ready to use Goat Anti-Rabbit IgG H&L (HRP) secondary antibody was used. Hematoxylin counterstain. Staining on the molecular layer of rat cerebellar cortex (PMID: 1372043) is observed.



Immunohistochemistry (Frozen sections) - Anti-Tenascin C antibody [EPR4219] (ab108930)

Immunohistochemistry (Frozen sections) analysis of mouse E14 spinal cord labeling Tenascin C with ab108930 at 1/100 dilution (4.27 µg/ml). Tissue was fixed with 4% PFA and permeabilized with 0.2% TritonX-100. Antigen retrieval was performed using a heated citrate solution (10mM citrate PH 6.0 + 0.05% Tween-20). [ab150077](#), an AlexaFluor® 488 Goat anti-Rabbit secondary antibody was used at 1/1000 (2 µg/ml). DAPI nuclear counterstain.

Positive staining on mesenchymal condensations during chondrogenesis of mouse E14 embryo (PMID: 9822997; PMID: 19586317; PMID: 24778247) is observed.



Western blot - Anti-Tenascin C antibody [EPR4219] (ab108930)

All lanes : Anti-Tenascin C antibody [EPR4219] (ab108930) at 1/1000 dilution

Lane 1 : Human fetal brain

Lane 2 : Human liver

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

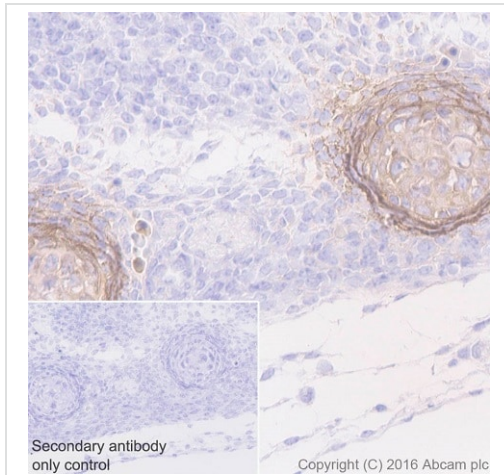
Predicted band size: 241 kDa

Observed band size: 250 kDa

Exposure time: 3 minutes

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

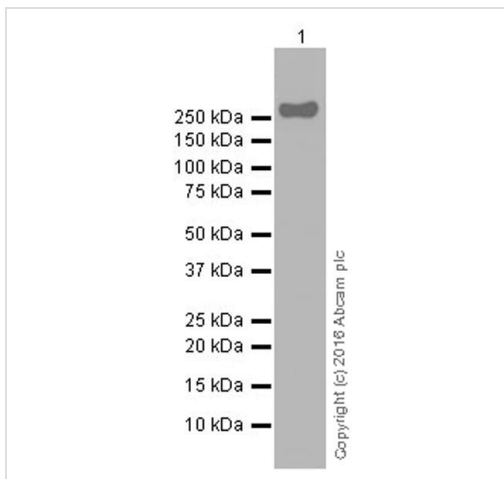
Liver is negative control (PMID: 1717349). The molecular weight observed is consistent with what has been described in the literature (PMID: 10462531).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse E14 spinal cord tissue sections labeling Tenascin C with ab108930 at 1/500 dilution (0.854 µg/ml). Heat mediated antigen retrieval was performed using Tris/EDTA buffer, pH 9 ([ab93684](#)). A ready to use Goat Anti-Rabbit IgG H&L (HRP) secondary antibody was used. Hematoxylin counterstain.

Positive staining on mesenchymal condensations during chondrogenesis of mouse E14 embryo (PMID: 9822997; PMID: 19586317; PMID: 24778247) is observed.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tenascin C antibody [EPR4219] (ab108930)



Western blot - Anti-Tenascin C antibody [EPR4219] (ab108930)

Anti-Tenascin C antibody [EPR4219] (ab108930) at 1/1000 dilution + U87-MG (human glioblastoma) whole cell lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

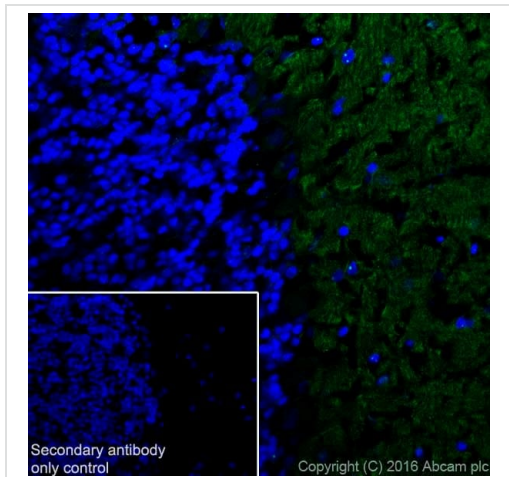
Predicted band size: 241 kDa

Observed band size: 250 kDa

Exposure time: 3 minutes

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

The molecular weight observed is consistent with what has been described in the literature (PMID: 10462531).

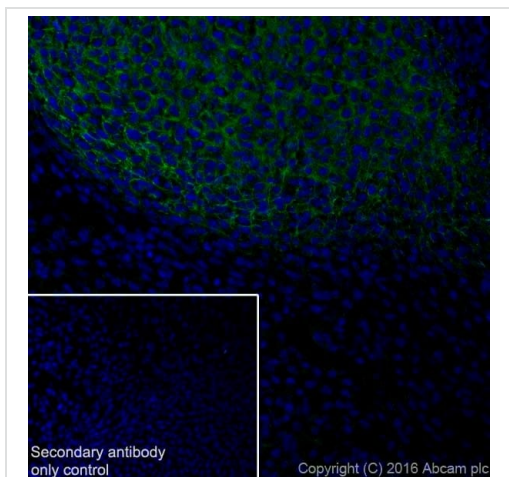


Immunohistochemistry (Frozen sections) - Anti-Tenascin C antibody [EPR4219] (ab108930)

Immunohistochemistry (Frozen sections) analysis of rat cerebellar cortex labeling Tenascin C with ab108930 at 1/100 dilution (4.27 µg/ml). Tissue was fixed with 4% PFA and permeabilized with 0.2% TritonX-100. Antigen retrieval was performed using a heated citrate solution (10mM citrate pH 6.0 + 0.05% Tween-20).

ab150077, an AlexaFluor® 488 Goat anti-Rabbit secondary antibody was used at 1/1000 (2 µg/ml). DAPI nuclear counterstain.

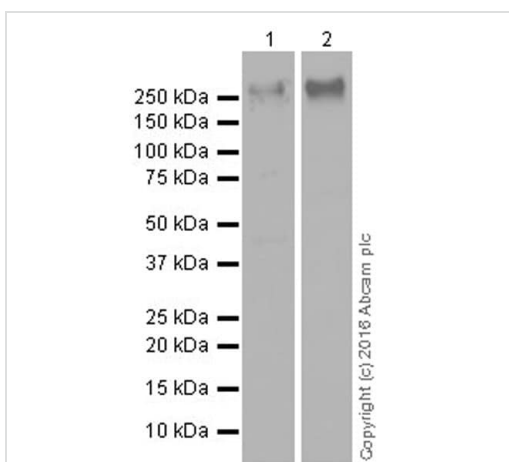
Positive staining on the molecular layer of rat cerebellar cortex (PMID: 1372043) is observed.



Immunohistochemistry (Frozen sections) - Anti-Tenascin C antibody [EPR4219] (ab108930)

Immunohistochemistry (Frozen sections) analysis of mouse E14 cerebellar cortex labeling Tenascin C with ab108930 at 1/100 dilution (4.27 µg/ml). Tissue was fixed with 4% PFA and permeabilized with 0.2% TritonX-100. Antigen retrieval was performed using a heated citrate solution (10mM citrate pH 6.0 + 0.05% Tween-20). **ab150077**, an AlexaFluor® 488 Goat anti-Rabbit secondary antibody was used at 1/1000 (2 µg/ml). DAPI nuclear counterstain.

Positive staining on the molecular layer of mouse E14 cerebellar cortex (PMID: 1372043) is observed.



Western blot - Anti-Tenascin C antibody [EPR4219] (ab108930)

All lanes : Anti-Tenascin C antibody [EPR4219] (ab108930) at 1/1000 dilution

Lane 1 : Postnatal (P0) mouse cerebellum

Lane 2 : Postnatal (P0) rat brain

Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 241 kDa

Observed band size: 250 kDa

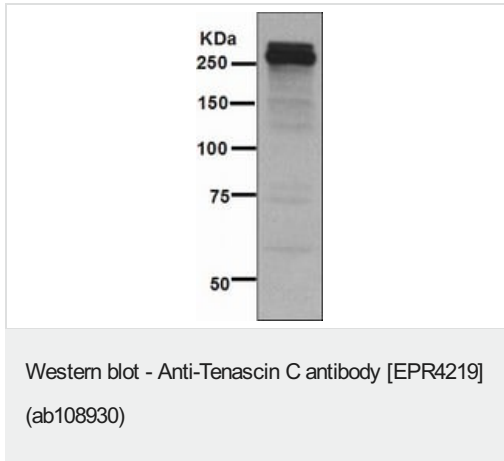
Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Exposure Time:

Lane 1: 15 seconds

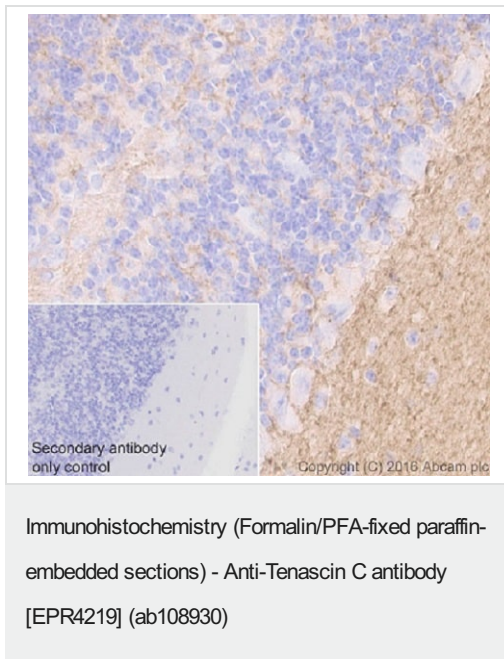
Lane 2: 30 seconds

The molecular weight observed is consistent with what has been described in the literature (PMID: 10462531).



Anti-Tenascin C antibody [EPR4219] (ab108930) at 1/1000 dilution
+ Human fetal brain lysate at 10 µg

Predicted band size: 241 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse cerebellar cortex labeling Tenascin C with ab108930 at 1/500 dilution (0.854 µg/ml). Heat mediated antigen retrieval was performed using Tris/EDTA buffer, pH 9 ([ab93684](#)). Hematoxylin was used to counterstain. A ready to use Goat Anti-Rabbit IgG H&L (HRP) secondary antibody was used. Staining on the molecular layer of mouse cerebellar cortex (PMID: 1372043) is observed.

Why choose a recombinant antibody?



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Confirmed specificity



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Animal-free production

Anti-Tenascin C antibody [EPR4219] (ab108930)

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