abcam

Product datasheet

Anti-TBR1 antibody ab31940

32 Abreviews 425 References 5 图像

概述

产品名称	Anti-TBR1抗体
描述	**兔多克隆抗体**to TBR1
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P
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.
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
纯度	Immunogen affinity purified
克隆	**多克隆**
同种型	IgG

应用

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab31940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)	Use a concentration of 1 µg/ml. Detects a band of approximately 74 kDa (predicted molecular weight: 74 kDa).
IHC-P	★★★★★ (6)	1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

图片

Western blot - Anti-TBR1 antibody (ab31940)

All lanes : Anti-TBR1 antibody (ab31940) at 1 µg/ml

Lane 1 : Mouse hippocampus tissue lysate

Lane 2 : Rat hippocampus tissue lysate

Lane 3 : Human hippocampus tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/50000 dilution

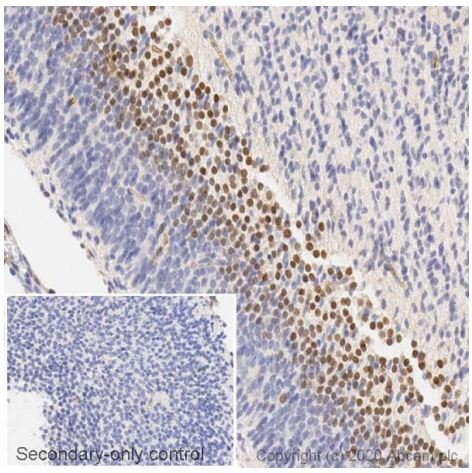
Predicted band size: 74 kDa

Observed band size: 74 kDa

Exposure time: 4 minutes

Gel type: MOPS

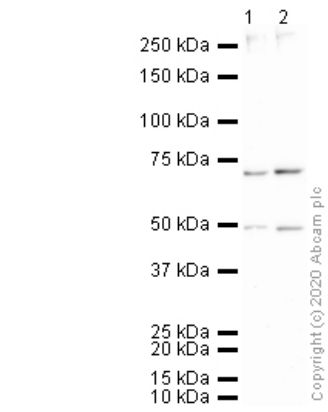
Blocking buffer: 3% milk block



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TBR1 antibody (ab31940)

IHC image of TBR1 staining in a section of formalin-fixed paraffin-embedded normal E17 mouse brain performed on a Leica BOND™ system using the standard protocol. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab31940, 1/2000 dilution, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset secondary-only control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times



Western blot - Anti-TBR1 antibody (ab31940)

All lanes : Anti-TBR1 antibody (ab31940) at 1 µg/ml

Lane 1 : Mouse hippocampus whole cell lysate
Lane 2 : Rat hippocampus whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed at 1/50000 dilution

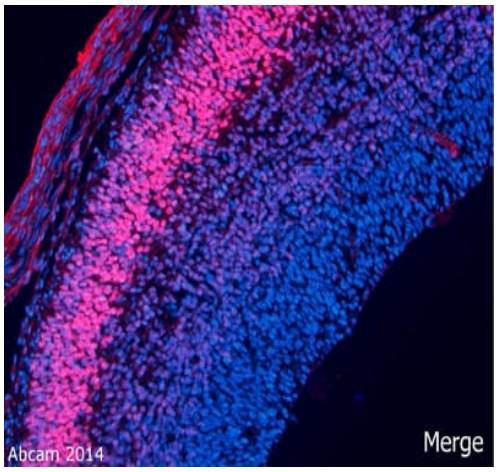
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 74 kDa
Observed band size: 74 kDa
Additional bands at: 50 kDa (possible non-specific binding)

Exposure time: 4 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 3% milk before being incubated with ab31940 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution ab133406.

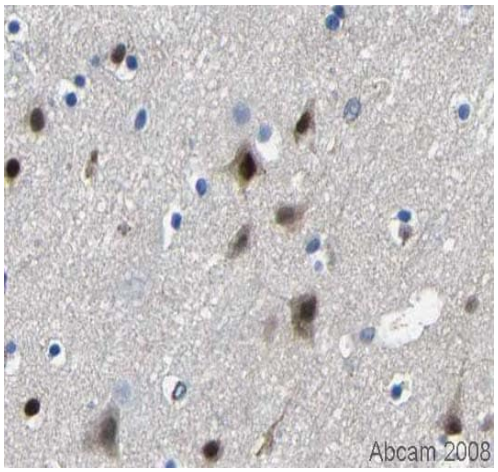


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TBR1 antibody (ab31940)
This image is courtesy of an anonymous abreview.

IHC-P image of TBR1 staining on mouse brain sections using ab31940 at a 1:200 dilution.

The sections were deparaffinized and subjected to heat mediated antigen retrieval. The sections were blocked using 7.5% goat serum for 2 hours at room temperature. ab31940 was diluted 1:200 using blocking buffer and incubated with the sections for 16 hours at 4°C. The secondary antibody used was Goat polyclonal to anti-rabbit conjugated to Alexa Fluor® 594 (1:400).

DAPI was used to counterstain nuclei.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TBR1 antibody (ab31940)
Image courtesy of Human Protein Atlas

(Image courtesy of **Human Protein Atlas**)
ab31940 staining TBR1 protein in normal human cerebral cortex. Brown color indicates presence of protein, blue color shows cell nuclei. Paraffin embedded human cerebral cortex tissue was incubated with ab31940 at a 1/25 dilution for 30 minutes at room temperature. Antigen retrieval was performed by heat induction in citrate buffer pH 6.

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