abcam

Product datasheet

Anti-ZBTB7A antibody [EPR13178(B)] ab175918

重组 RabMAb

8 References   7 图像

概述

产品名称	Anti-ZBTB7A抗体[EPR13178(B)]
描述	兔单克隆抗体[EPR13178(B)] to ZBTB7A
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P, ICC/IF, IP **不适用于:** Flow Cyt
种属反应性	**与反应:** Human
免疫原	Synthetic peptide within Human ZBTB7A aa 500 to the C-terminus. The exact sequence is proprietary. Database link: **O95365**
阳性对照	MCF-7, HepG2, K562, Hela cell lysates, human bladder carcinoma tissue, human tonsil tissue, MCF7 and Hela cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - 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**. Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

supernatant

纯度	Protein A purified
克隆	单克隆
克隆编号	EPR13178(B)
同种型	IgG

应用

The Abpromise guarantee	Abpromise™承诺保证使用ab175918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。

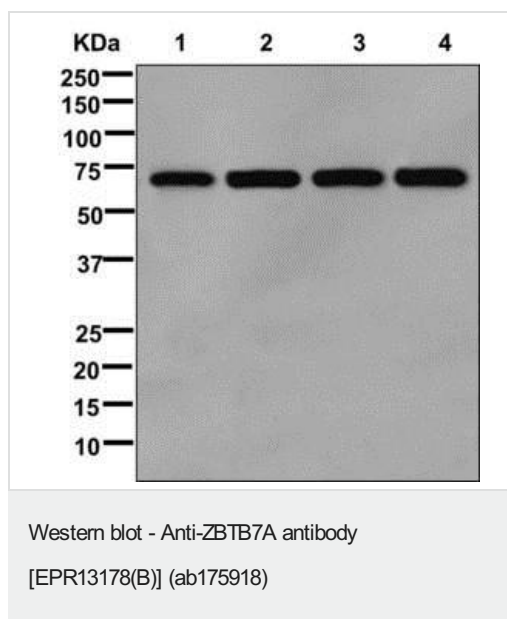| 应用	Ab评论	说明
WB		1/10000 - 1/50000. Predicted molecular weight: 61 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ICC/IF		1/500. **For unpurified use at 1/100 - 1/250.**
IP		1/10 - 1/100.

应用说明	Is unsuitable for Flow Cyt.

靶标

功能	Plays a key role in the instruction of early lymphoid progenitors to develop into B lineage by repressing T-cell instructive Notch signals (By similarity). Specifically represses the transcription of the CDKN2A gene. Efficiently abrogates E2F1-dependent CDKN2A transactivation/de-repression. Binds to the consensus sequence 5'-[GA][CA]GACCCCCCCCC-3'.
组织特异性	Widely expressed. In normal thymus, expressed in medullary epithelial cells and Hassle's corpuscles (at protein level). In tonsil, expressed in squamous epithelium and germinal center lymphocytes (at protein level). Up-regulated in a subset of lymphomas, as well as in a subset of breast, lung, colon, prostate and bladder carcinomas (at protein level).
序列相似性	Contains 1 BTB (POZ) domain. Contains 4 C2H2-type zinc fingers.
细胞定位	Nucleus.

图片

Western blot - Anti-ZBTB7A antibody [EPR13178(B)] (ab175918)

All lanes : Anti-ZBTB7A antibody [EPR13178(B)] (ab175918) at 1/10000 dilution
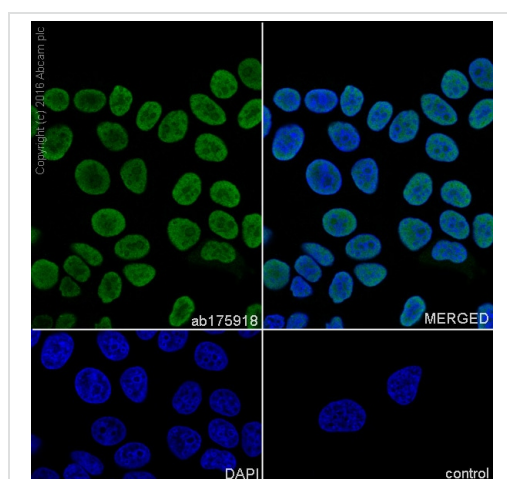
Lane 1 : MCF-7 cell lysate

Lane 2 : HepG2 cell lysate

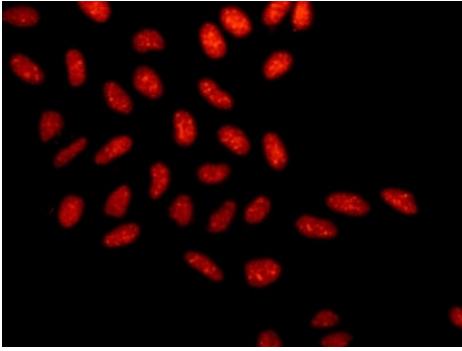**Lane 3 :** K562 cell lysate

Lane 4 : Hela cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 61 kDa

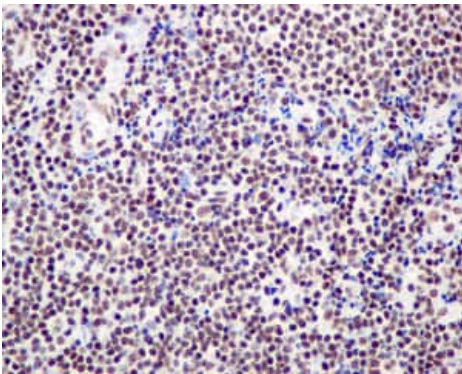Immunocytochemistry/ Immunofluorescence - Anti-ZBTB7A antibody [EPR13178(B)] (ab175918)

Immunocytochemistry/Immunofluorescence analysis of MCF7 (Human breast adenocarcinoma cell line) labeling ZBTB7A with purified ab175918 at 1/500 dilution. Cells were fixed with 4% PFA and permeabilized with 0.1% tritonX-100. **ab150077** Goat anti rabbit IgG (Alexa Fluor® 488) at 1/1000 was used as the secondary antibody. Nuclei were counterstained with DAPI. PBS was used instead of the primary antibody as the negative control.
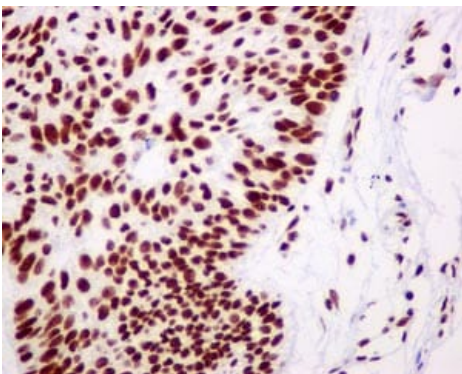
Immunofluorescent staining of HeLa cells using labeling ZBTB7A with ab175918 at 1/100 dilution

Immunocytochemistry/ Immunofluorescence - Anti-ZBTB7A antibody [EPR13178(B)] (ab175918)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling ZBTB7A with ab175918 at 1/100 dilution
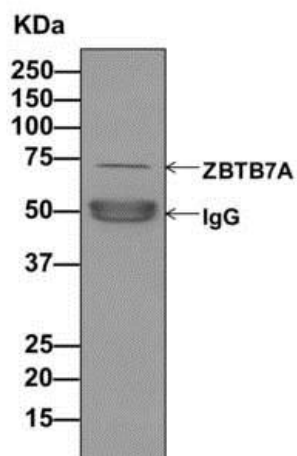
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZBTB7A antibody [EPR13178(B)] (ab175918)

Immunohistochemical analysis of paraffin-embedded human bladder carcinoma tissue labeling ZBTB7A with ab175918 at 1/100 dilution

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZBTB7A antibody [EPR13178(B)] (ab175918)

Western blot analysis on immunoprecipitation pellet from HepG2 cell lysate using labeling ZBTB7A with ab175918 at 1/10 dilution.

Immunoprecipitation - Anti-ZBTB7A antibody [EPR13178(B)] (ab175918)

Anti-ZBTB7A antibody [EPR13178(B)] (ab175918)

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