

Product datasheet

Anti-ZBTB20 antibody [4A3] ab243143

Recombinant

[1 References](#) [5 Images](#)

Overview

Product name	Anti-ZBTB20 antibody [4A3]
Description	Rat monoclonal [4A3] to ZBTB20
Host species	Rat
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Rat
Immunogen	Recombinant fragment (His-tag) corresponding to Mouse ZBTB20. Database link: Q8K0L9 Run BLAST with Run BLAST with
Positive control	IHC-P: Mouse E14.5 cerebrum tissue. Mouse and rat hippocampus. Mouse pancreas tissue.
General notes	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Ion Exchange Chromatography
Clonality	Monoclonal
Clone number	4A3

Isotype

IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab243143 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.077 mg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Function

May be a transcription factor that may be involved in hematopoiesis, oncogenesis, and immune responses.

Tissue specificity

Expressed in spleen, lymph node, thymus, peripheral blood leukocytes, and fetal liver.

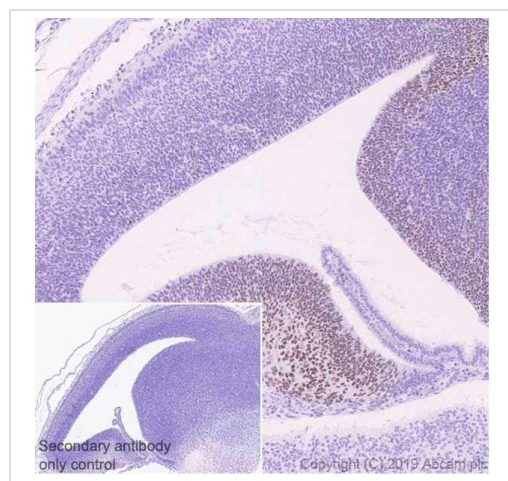
Sequence similarities

Contains 1 BTB (POZ) domain.
Contains 5 C2H2-type zinc fingers.

Cellular localization

Nucleus.

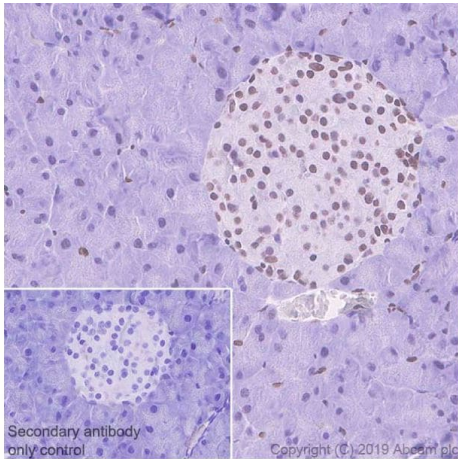
Images



Immunohistochemical analysis of paraffin-embedded mouse E14.5 cerebrum tissue labeling ZBTB20 with ab243143 at 0.077 µg/ml, followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) ([ab214882](#)). Nuclear staining on mouse E14.5 cerebrum (PMID: 20308569). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) ([ab214882](#)). Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

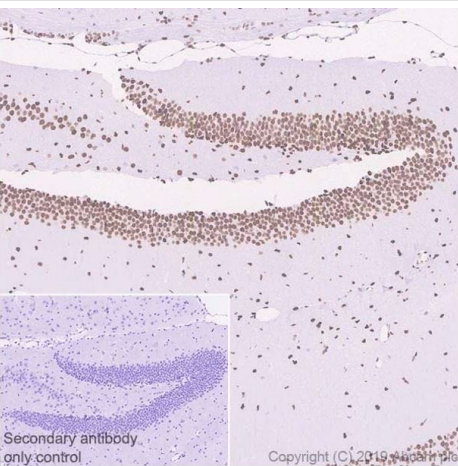
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZBTB20 antibody [4A3] (ab243143)



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue labeling ZBTB20 with ab243143 at 0.077 $\mu\text{g/ml}$, followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) ([ab214882](#)). Nuclear staining on mouse pancreas (PMID: 22374165). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) ([ab214882](#)). Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

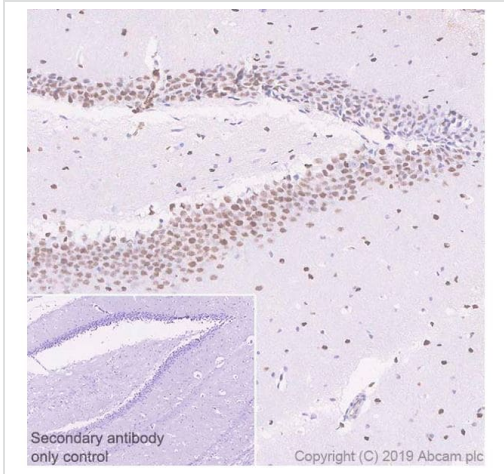
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZBTB20 antibody [4A3] (ab243143)



Immunohistochemical analysis of paraffin-embedded mouse hippocampus tissue labeling ZBTB20 with ab243143 at 0.077 $\mu\text{g/ml}$, followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) ([ab214882](#)). Nuclear staining on mouse hippocampus (PMID: 11744704). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) ([ab214882](#)). Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZBTB20 antibody [4A3] (ab243143)







Immunohistochemical analysis of paraffin-embedded rat hippocampus tissue labeling ZBTB20 with ab243143 at 0.077 µg/ml, followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) ([ab214882](#)). Nuclear staining on rat hippocampus (PMID: 11744704). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) ([ab214882](#)). Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZBTB20 antibody [4A3] (ab243143)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-ZBTB20 antibody [4A3] (ab243143)

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

Our Promise 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.com/abpromise> or contact our technical team.

Terms and conditions

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