

## Product datasheet

# Anti-ZBTB7A antibody ab106592

1 References 3 Images

### Overview

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<b>Product name</b>	Anti-ZBTB7A antibody
<b>Description</b>	Rabbit polyclonal to ZBTB7A
<b>Host species</b>	Rabbit
<b>Specificity</b>	At least two isoforms of ZBTB7A are known to exist; ab106592 will recognize both isoforms. Predicted to not cross-react with other ZBTB protein family members.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	A 16 amino acid synthetic peptide from near the N-terminus of Human ZBTB7A (AAH84568).
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (stable for up to 12 months).
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab106592 in the following tested applications.

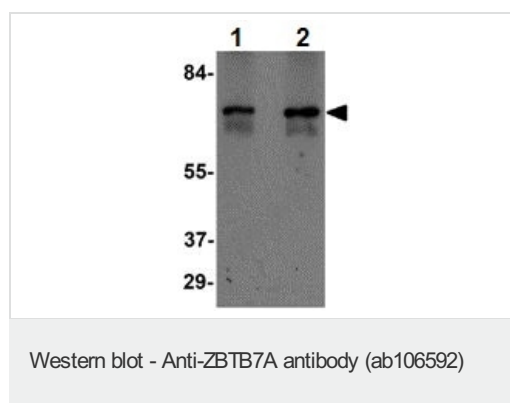
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 61 kDa.
IHC-P		Use a concentration of 2.5 µg/ml.

## Target

<b>Function</b>	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]GACCCCCCCC-3'.
<b>Tissue specificity</b>	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).
<b>Sequence similarities</b>	Contains 1 BTB (POZ) domain. Contains 4 C2H2-type zinc fingers.
<b>Cellular localization</b>	Nucleus.

## Images



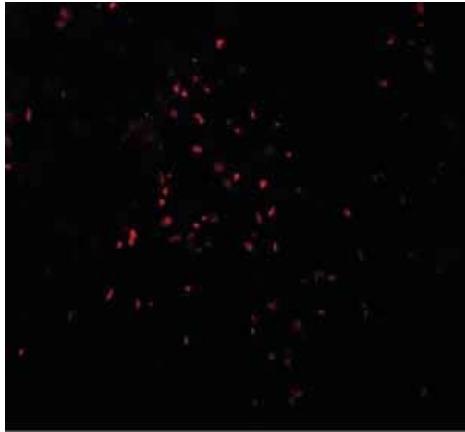
**Lane 1 :** Anti-ZBTB7A antibody (ab106592) at 1 µg/ml

**Lane 2 :** Anti-ZBTB7A antibody (ab106592) at 2 µg/ml

**All lanes :** Human ovary tissue lysate

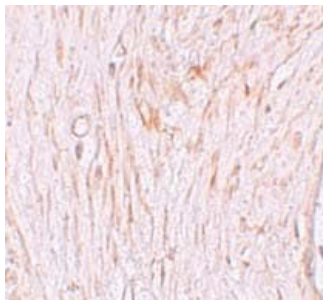
Lysates/proteins at 15 µg per lane.

**Predicted band size:** 61 kDa



Immunofluorescence of ZBTB7A in Human ovary tissue with ab106592 at 20  $\mu\text{g}/\text{mL}$ .

Immunocytochemistry/ Immunofluorescence - Anti-ZBTB7A antibody (ab106592)



Immunohistochemistry of ZBTB7A in Human ovary tissue with ab106592 at 2.5  $\mu\text{g}/\text{ml}$ .

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZBTB7A antibody (ab106592)

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

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