




## Product datasheet

# Anti-Tbx2 antibody ab244305

1 Image

### Overview

<b>Product name</b>	Anti-Tbx2 antibody
<b>Description</b>	Rabbit polyclonal to Tbx2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Dog 
<b>Immunogen</b>	Recombinant fragment corresponding to Human Tbx2 aa 564-698. Sequence: IPMPTFGGLFPYPYTYMAAAAAAASALPATSAAAAAAAAA GSLSRSPFLG SARPRLRFSPYQIPVTIPPSTLLTTGLASEGSKAAGGNSR EPSPLPELA LRKVGAPSRGALSPSGSAKEAANELQSIQRLVSGL  Database link: <a href="#">Q13207</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	ICC/IF: MCF7 cells.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions,</p>

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, as well as customer reviews and Q&As.

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab244305** 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 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

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## Target

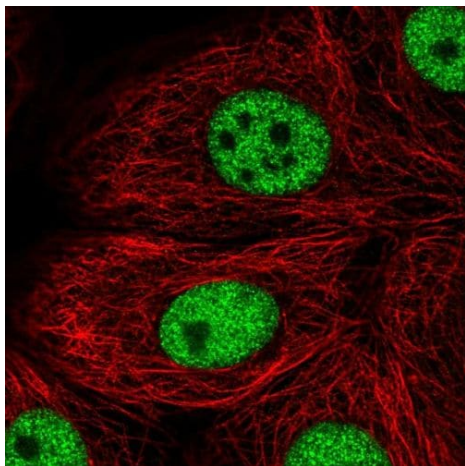
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<b>Function</b>	Involved in the transcriptional regulation of genes required for mesoderm differentiation. Probably plays a role in limb pattern formation.
<b>Tissue specificity</b>	Expressed primarily in adult in kidney, lung, and placenta. Weak expression in heart and ovary.
<b>Sequence similarities</b>	Contains 1 T-box DNA-binding domain.
<b>Cellular localization</b>	Nucleus.

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## Images

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Immunocytochemistry/ Immunofluorescence - Anti-Tbx2 antibody (ab244305)

PFA fixed, Triton X-100 permeabilized MCF7 (Human breast adenocarcinoma cell line) cells labeling Tbx2 using ab244305 at 4  $\mu$ g/ml (green) in ICC/IF.

**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

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- 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

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