


## Product datasheet

# Anti-Tbx2 antibody ab33298

★★★★☆ [2 Abreviews](#) [5 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-Tbx2 antibody
<b>Description</b>	Rabbit polyclonal to Tbx2
<b>Host species</b>	Rabbit
<b>Specificity</b>	From Mar 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Dog, Xenopus laevis 
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 650 to the C-terminus of Human Tbx2. Read Abcam's proprietary immunogen policy (Peptide available as <a href="#">ab35983</a> .)
<b>Positive control</b>	This antibody gave a positive signal in the following Human tissue lysates: Kidney; Lung; Heart
<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	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.

<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

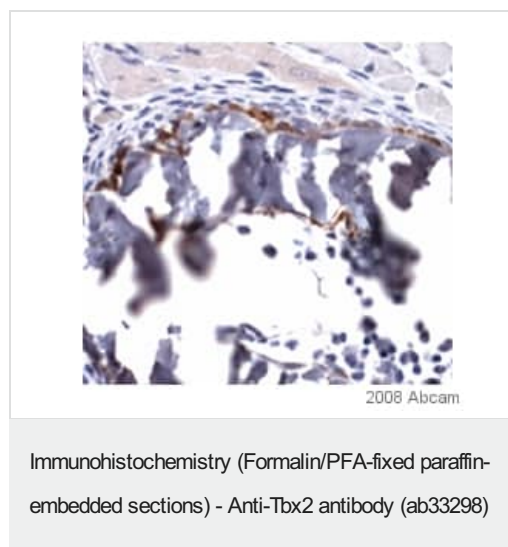
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab33298 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		Use a concentration of 1 µg/ml. Detects a band of approximately 74 kDa (predicted molecular weight: 74 kDa).
<b>IHC-P</b>	★★★★★ (1)	1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

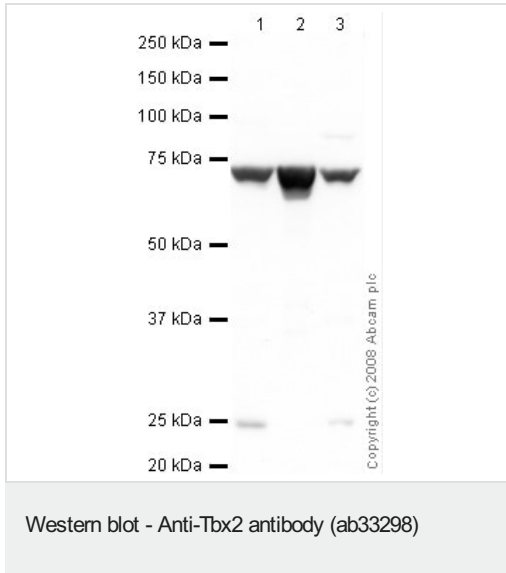
## Target

<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.

## Images



Formalin-fixed paraffin-embedded mouse bone marrow section stained with ab33298 Tbx2 antibody at 1/500 dilution.



**All lanes :** Anti-Tbx2 antibody (ab33298) at 1 µg/ml

**Lane 1 :** Human kidney tissue lysate - total protein (**ab30203**)

**Lane 2 :** Lung (Human) Tissue Lysate

**Lane 3 :** Human heart tissue lysate - total protein (**ab29431**)

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

**Predicted band size:** 74 kDa

**Observed band size:** 74 kDa

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

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