

Product datasheet

Anti-Tbp7 antibody ab196589

5 Images

Overview

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<b>Product name</b>	Anti-Tbp7 antibody
<b>Description</b>	Rabbit Polyclonal to Tbp7
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody detects endogenous level of total Tbp7 protein.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human Tbp7 (N terminal). Database link: <a href="#">P43686</a>
<b>Positive control</b>	U2OS cells. Rat testis, human kidney and human breast cancer tissue. Cell lysates HepG2, U251, 293T, BT474, A549, HeLa, Jurkat and mouse liver.
<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, 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&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 long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 49% PBS  without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab196589** in the following tested applications.

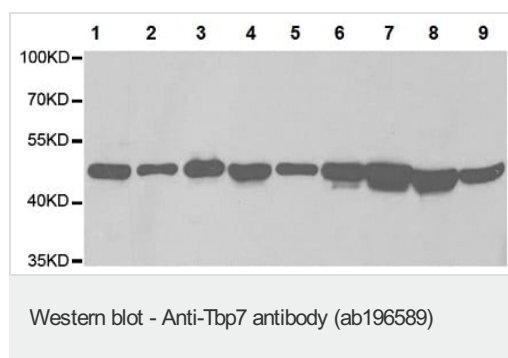
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/50 - 1/200.
IHC-P		1/50 - 1/200.
WB		1/500 - 1/2000. Predicted molecular weight: 47 kDa.

## Target

<b>Function</b>	The 26S protease is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex.
<b>Sequence similarities</b>	Belongs to the AAA ATPase family.
<b>Cellular localization</b>	Cytoplasm. Nucleus.

## Images

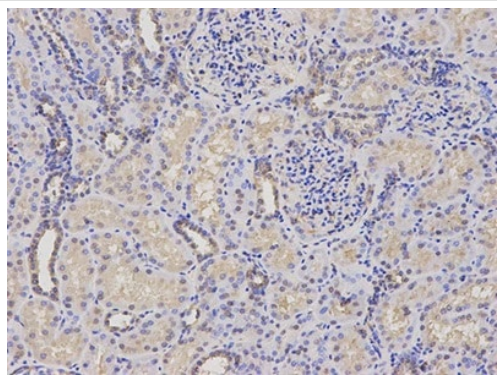


**All lanes** : Anti-Tbp7 antibody (ab196589) at 1/500 dilution

- Lane 1** : HepG2 cell extract
- Lane 2** : U251 cell extract
- Lane 3** : 293T cell extract
- Lane 4** : BT474 cell extract
- Lane 5** : A549 cell extract
- Lane 6** : HeLa cell extract
- Lane 7** : Jurkat cell extract

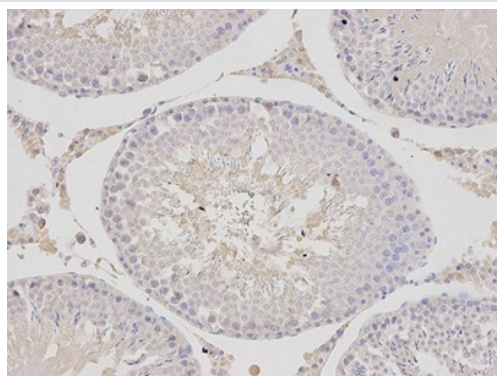
**Lanes 8-9** : Mouse liver extract

**Predicted band size:** 47 kDa



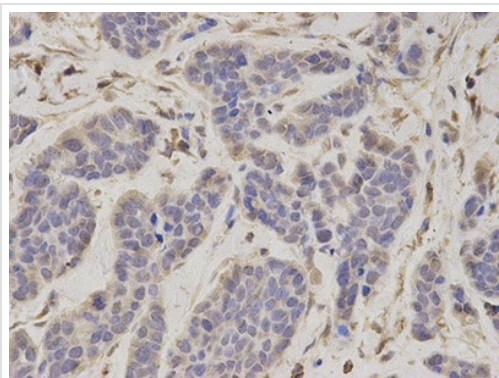
Immunohistochemical analysis of paraffin-embedded rat testis tissue labelling Tbp7 using ab196589 at a 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tbp7 antibody (ab196589)



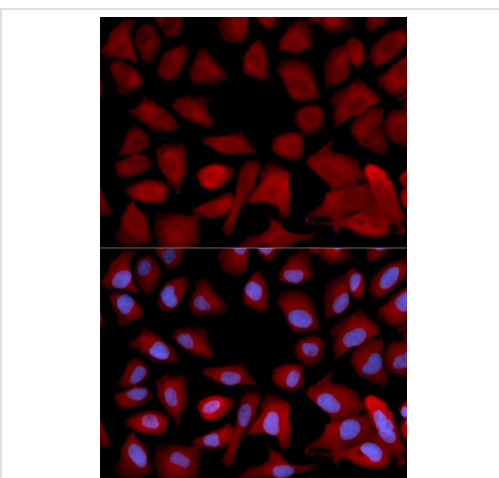
Immunohistochemical analysis of paraffin-embedded human kidney tissue labelling Tbp7 using ab196589 at a 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tbp7 antibody (ab196589)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tbp7 antibody (ab196589)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue labelling Tbp7 using ab196589 at a 1/100 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-Tbp7 antibody (ab196589)

Immunofluorescence analysis of U2OS cell labelling Tbp7 using ab196589 at a 1/50 dilution (top) with DAPI blue for nuclear staining (bottom)

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

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