

### Anti-TSPY1/TSPY antibody - C-terminal ab189962

2 Images

#### Overview

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<b>Product name</b>	Anti-TSPY1/TSPY antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to TSPY1/TSPY - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide within Human TSPY1/TSPY (C terminal). The exact sequence is proprietary. 20 amino acids. NP_003299.2. Database link: <a href="#">Q01534</a>
<b>Positive control</b>	Human testis tissue; A20 cell lysate.
<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 long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: 99% 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 ab189962 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
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 35 kDa.
IHC-P		Use a concentration of 5 µg/ml.

## Target

### Function

May be involved in sperm differentiation and proliferation.

### Tissue specificity

Specifically expressed in testicular tissues. Isoform 1 and isoform 2 are expressed in spermatogonia and spermatocytes. Found in early testicular carcinoma in situ, spermatogonial cells in testicular tissues of 46,X,Y female and in prostate cancer cell lines.

### Involvement in disease

Note=TSPY is located in the gonadoblastoma critical region and is preferentially expressed in tumor germ cells of gonadoblastoma specimens. Expression also correlates with testicular seminoma and tumorigenesis of the prostate gland.

### Sequence similarities

Belongs to the nucleosome assembly protein (NAP) family.

### Developmental stage

Detected in 22-week old testis.

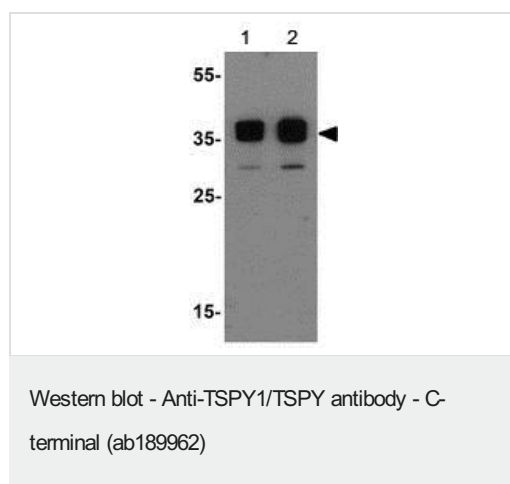
### Post-translational modifications

Phosphorylated.

### Cellular localization

Cytoplasm. Nucleus. Predominantly cytoplasmic. Also found in nucleus.

## Images

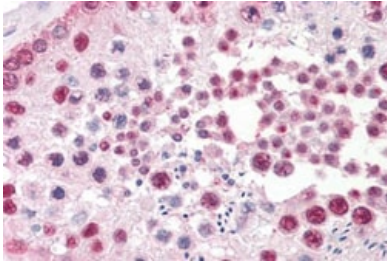


**Lane 1** : Anti-TSPY1/TSPY antibody - C-terminal (ab189962) at 0.5 µg/ml

**Lane 2** : Anti-TSPY1/TSPY antibody - C-terminal (ab189962) at 1 µg/ml

**All lanes** : A20 cell lysate

**Predicted band size:** 35 kDa



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human testis tissue labeling TSPY1/TSPY with ab189962 at 5µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TSPY1/TSPY antibody - C-terminal (ab189962)

**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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