

## Product datasheet

### Anti-SPACA4 antibody ab122758

2 Images

#### Overview

<b>Product name</b>	Anti-SPACA4 antibody
<b>Description</b>	Rabbit polyclonal to SPACA4
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	antigen sequence: MHCGDDEDCF TGHGVAPGTG PVINKGCLRA TSCGLEEPVS YRGVTYSLTT NCCTGRLCNR APSSQTVGAT TSLALGLGML LPPR, corresponding to amino acids 39-122 of Human SPACA4. <a href="#">Run BLAST with Expasy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human testis tissue.
<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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
<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 ab122758 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
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml.

## Target

### Function

Sperm surface membrane protein that may be involved in sperm-egg plasma membrane adhesion and fusion during fertilization.

### Tissue specificity

Testis specific. Expressed in spermatozoa.

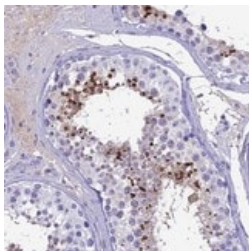
### Sequence similarities

Contains 1 UPAR/Ly6 domain.

### Cellular localization

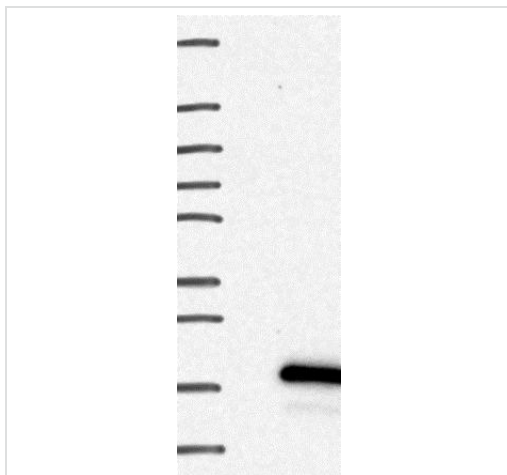
Cell membrane. Cytoplasmic vesicle > secretory vesicle > acrosome. Expressed in acrosomal matrix and outer and inner acrosomal membranes.

## Images



ab122758, at 1/200 dilution, staining SPACA4 in paraffin-embedded Human testis tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPACA4 antibody (ab122758)



Western blot - Anti-SPACA4 antibody (ab122758)

Lane 1: Marker [kDa] 250; 130; 95; 72; 55; 36; 28; 17; 10  
Lane 2: Negative control (vector only transfected HEK293T lysate)  
Lane 3: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells. Lane 1: Marker [kDa] 250; 130; 95; 72; 55; 36; 28; 17; 10  
Lane 2: Negative control (vector only transfected HEK293T lysate)  
Lane 3: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells.

**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