

# Anti-SPACA3 antibody ab121768

## 2 图像

### 概述

产品名称	Anti-SPACA3抗体
描述	兔多克隆抗体to SPACA3
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human
免疫原	antigen sequence: TNNGIFQINS RRWC SNLTPN VPNVCRMYCS DLLNPNLKDT VICAMKITQE PQGLGYWEAW RHHCQGKDLT EWVDGPDF, corresponding to amino acids 138-215 of Human SPACA3. <a href="#">Run BLAST with Expasy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	Human testis tissue.
常规说明	<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>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab121768 于以下的经测试应用

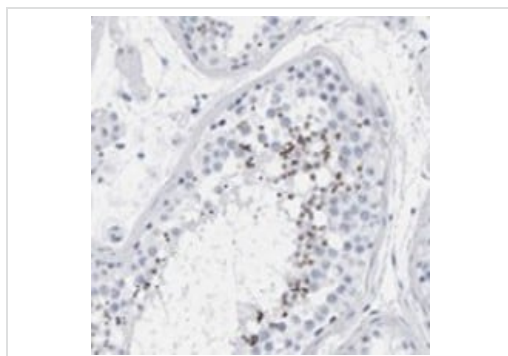
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/2500 - 1/5000. 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.

## 靶标

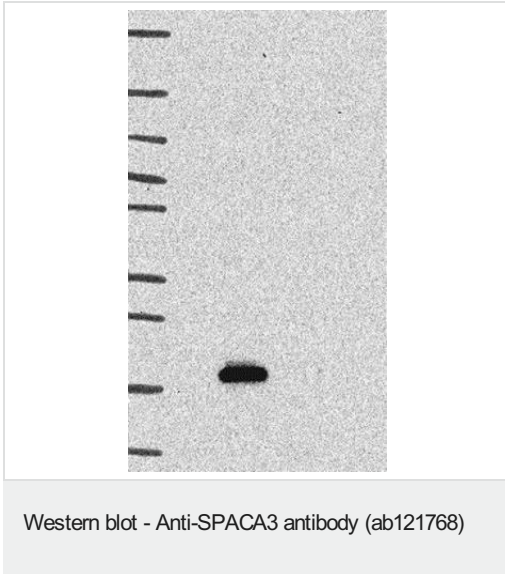
<b>功能</b>	Sperm surface membrane protein that may be involved in sperm-egg plasma membrane adhesion and fusion during fertilization. It could be a potential receptor for the egg oligosaccharide residue N-acetylglucosamine, which is present in the extracellular matrix over the egg plasma membrane. The processed form has no detectable bacteriolytic activity in vitro.
<b>组织特异性</b>	The processed form is expressed in sperm (at protein level). Expressed in testis, epididymis and placenta.
<b>序列相似性</b>	Belongs to the glycosyl hydrolase 22 family.
<b>翻译后修饰</b>	The processed form derives from the membrane form by proteolytic processing.
<b>细胞定位</b>	Secreted and Cytoplasmic vesicle > secretory vesicle > acrosome membrane. Anterior acrosome in non-capacitated spermatozoa and retained in the equatorial segment and in the luminal face of both the inner and outer acrosomal membranes following capacitation and the acrosome reaction.

## 图片



ab121768 at a 1/2500 dilution staining SPACA3 in paraffin embedded Human testis tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPACA3 antibody (ab121768)



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

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- Replacement or refund for products not performing as stated on the datasheet
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- 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.cn/abpromise> or contact our technical team.

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