

Anti-SCP3 antibody ab15093

★★★★★ **9 Abreviews** **188 References** 画像数 5

製品の概要

製品名	Anti-SCP3 antibody
製品の詳細	Rabbit polyclonal to SCP3
由来種	Rabbit
アプリケーション	適用あり: IHC-P, ICC/IF
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide (Human) (C terminal).
ポジティブ・コントロール	IHC-P: Mouse testis tissue sections.
特記事項	<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&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

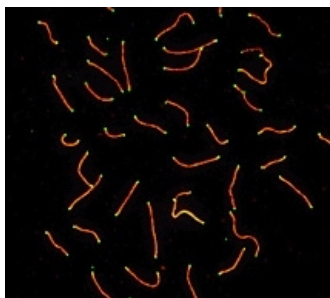
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab15093の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (2)	1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen Retrieval: Bring slides to a boil in 10 mM sodium citrate buffer (pH 6.0), then maintain at a sub-boiling temperature for 10 minutes. Cool slides on bench-top for 30 minutes. Block each section with 100-400 ul blocking solution (1% BSA in PBS) for 1 hour at room temperature
ICC/IF	★★★★★ (3)	1/100 - 1/500.

ターゲット情報

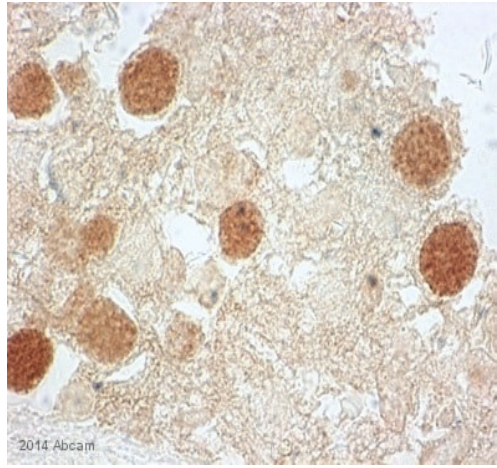
機能	Component of the transverse filaments of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Has an essential meiotic function in spermatogenesis. May be important for testis development.
組織特異性	Testis-specific.
関連疾患	Defects in SYCP3 are a cause of azoospermia due to perturbations of meiosis (AZSPM) [MIM:270960]. AZSPM is a condition of having no sperm present in the ejaculate. Testicular histology shows arrest of spermatogenesis at the pachytene stage of primary spermatocytes.
配列類似性	Belongs to the XLR/SYCP3 family.
細胞内局在	Nucleus. In tripartite segments of synaptonemal complexes, irrespective of whether these are synapsed or unsynapsed.

画像



Immunocytochemistry/ Immunofluorescence - Anti-SCP3 antibody (ab15093)

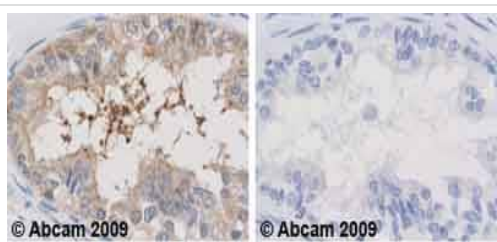
SCP3 labeled in mouse pachytene preparation (red), using ab15093. CDK2 staining, near telomeres, is also present (green).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCP3 antibody (ab15093)

Image is courtesy of an anonymous AbReview

ab15093 staining SCP3 in Human TEFNA testis tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with paraformaldehyde and blocked with 5% serum for 30 minutes at 25°C; antigen retrieval was by heat mediation in a citrate buffer. Samples were incubated with primary antibody (1/200 in PBS + 5% FCS + 0.1% Triton X-100) for 1 hour at 25°C. Ab6721 (1/1000) was used as the secondary antibody.

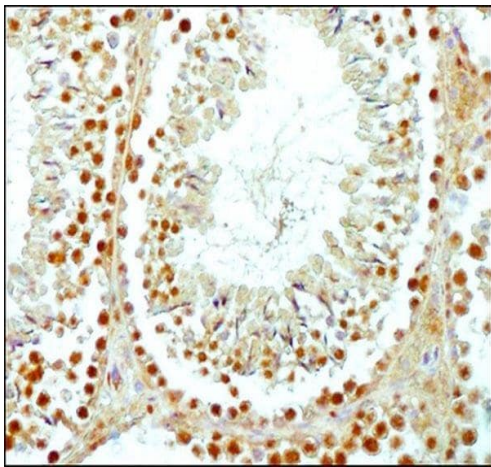


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCP3 antibody (ab15093)

Ab15093 staining human normal testis tissue. Staining is localized to nuclear compartment.

Left panel: with primary antibody at 4 ug/ml. Right panel: isotype control.

Sections were stained using an automated system DAKO Autostainer Plus, at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 AR buffer EDTA pH 9.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 minutes. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS), then incubated with primary antibody for 20 minutes, and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that for manual staining we recommend to optimize the primary antibody concentration and incubation time (overnight incubation), and amplification may be required.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCP3 antibody (ab15093)

ab15093 staining SCP3 in Mouse testes tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Samples were incubated with primary antibody at 1/200 dilution



Immunocytochemistry/ Immunofluorescence - Anti-SCP3 antibody (ab15093)

This image is a courtesy of Anonymous Abreview

ab15093 staining SCP3 in pig spermatocytes by Immunocytochemistry/ Immunofluorescence. Cells were fixed with formaldehyde, permeabilized with Triton x100 and blocking with 0.15% BSA was performed for 30 minutes at 25°C. Samples were incubated with primary antibody (1/100: in PBT: PBS + 0.15% BSA+0.1% Tween 20) for 12 hours at 25°C. An Alexa Fluor®594-conjugated donkey polyclonal to rabbit IgG was used at dilution at 1/100 as secondary antibody.

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