

Anti-TeX14 antibody ab41733

★★★★★ [4 Abreviews](#) [4 References](#) [1 图像](#)

概述

产品名称	Anti-TeX14抗体
描述	兔多克隆抗体to Tex14
宿主	Rabbit
经测试应用	适用于: IHC - Wholmount
种属反应性	与反应: Mouse
免疫原	Synthetic peptide conjugated to KLH derived from within residues 950 - 1050 of Mouse Tex14. 参阅Abcam的 专有抗源政策 (Peptide available as ab42412 .)
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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab41733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。

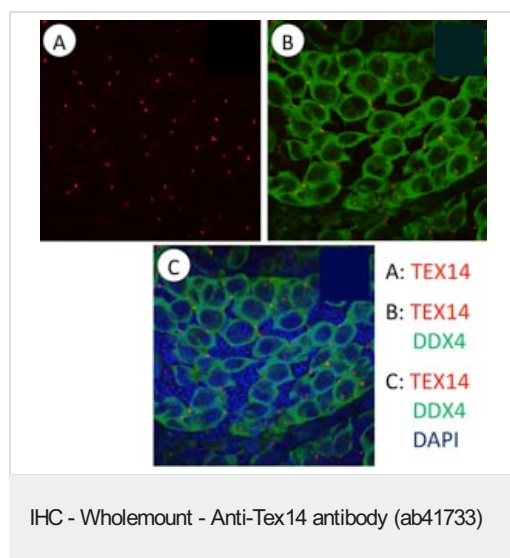
应用	Ab评论	说明
IHC - Wholemout	★★★★★ (2)	Use at an assay dependent concentration.

靶标

相关性 Testis-expressed gene 14 (TEX14) is a novel protein that localizes to germ cell intercellular bridges. In the absence of TEX14, intercellular bridges are not observed. Spermatogenesis in Tex14^{-/-} mice progresses through the transit amplification of diploid spermatogonia and the expression of early meiotic markers but halts before the completion of the first meiotic division.

细胞定位 Cytoplasmic

图片



This antibody appears to stain intercellular bridges between germ cells, as it should. TEX14 staining is present within the testis cords between between DDX4 positive cells (germ cells), but is absent between DDX4 negative cells (Sertoli cells).

Postnatal day 6 mouse testes were fixed with 4% paraformaldehyde for 5 hours at 4°C, then washed overnight in PBS at 4°C. Testes were detunicated and cut in half, then permeabilized with 0.1% Triton X-100 in PBS for 30 min at 20°C, then blocked with 3% BSA with 0.1% Triton X-100 in PBS for 1 hour at 20°C. Sections were incubated with Rabbit Anti-TEX14 (Abcam ab41733) diluted 1/3000 plus Goat Anti-DDX4 diluted 1/800 for 14 hours at 4°C. Tissue was then washed 3X for 30 min each with 0.1% Triton X-100 in PBS. Tissue was then incubated with Donkey Anti-Rabbit 555 (Abcam **ab150062**) plus Donkey Anti-Goat 647 (Abcam **ab150155**) diluted 1/500 for 3 hours at 20°C. with Abcam DAPI after washing 3X with 0.1% Triton X-100 in PBS. Tissue was then incubated with Fluoroshield Mounting Medium With DAPI (Abcam **ab104139**) with mounted onto a slide and coverslipped. Tissue was imaged on an Olympus FV 1000 confocal microscope and represented as a maximum intensity Z-projection of a 5 µM thick Z-stack.

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

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