

Anti-SMC4 antibody ab17958

12 References **1 图像**

概述

| | |
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| 产品名称 | Anti-SMC4抗体 |
| 描述 | 兔多克隆抗体to SMC4 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Human 预测可用于: Rat, Rabbit, Guinea pig, Cow, Pig, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster, Orangutan, Elephant  |
| 免疫原 | Synthetic peptide representing a portion of human SMC4 lying within exon 23 (C terminal). |
| 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. Avoid freeze / thaw cycle. |
| 存储溶液 | pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris |
| 纯度 | Immunogen affinity purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee

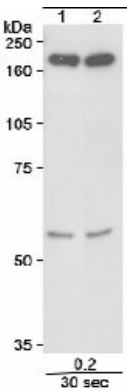
Abpromise™承诺保证使用ab17958于以下的经测试应用

“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 |
|----|------|--|
| WB | | 1/1000 - 1/10000. Detects a band of approximately 200 kDa (predicted molecular weight: 150 kDa). |

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| 靶标 | |
| 功能 | Central component of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases. |
| 组织特异性 | Widely expressed. Higher expression in testis, colon, thymus. |
| 序列相似性 | Belongs to the SMC family. SMC4 subfamily. |
| 结构域 | The hinge domain, which separates the large intramolecular coiled coil regions, allows the heterodimerization with SMC2, forming a V-shaped heterodimer. |
| 细胞定位 | Nucleus. Cytoplasm. Chromosome. In interphase cells, the majority of the condensin complex is found in the cytoplasm, while a minority of the complex is associated with chromatin. A subpopulation of the complex however remains associated with chromosome foci in interphase cells. During mitosis, most of the condensin complex is associated with the chromatin. At the onset of prophase, the regulatory subunits of the complex are phosphorylated by CDC2, leading to condensin's association with chromosome arms and to chromosome condensation. Dissociation from chromosomes is observed in late telophase. |

图片



ab17958 at 0.2µg/ml detecting SMC4 from 90µg of whole cell lysate from 293T cells (left hand lane) or from normal human lymphoblasts (right hand lane) by western blot. The blot was detected by ECL. ab17958 at 0.2µg/ml detecting SMC4 from 90µg of whole cell lysate from 293T cells (left hand lane) or from normal human lymphoblasts (right hand lane) by western blot. The blot was detected by ECL.

Western blot - Anti-SMC4 antibody (ab17958)

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

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