

Anti-SA2 antibody ab4464

5 References [2 图像](#)

概述

产品名称	Anti-SA2抗体
描述	山羊多克隆抗体to SA2
宿主	Goat
经测试应用	适用于: WB, ICC
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan
免疫原	Synthetic peptide (Human) - 31 amino acids which represent a portion of human SA 2 encoded within exon 31.
阳性对照	WB: HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells. ICC: HeLa cells.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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ab4464于以下的经测试应用

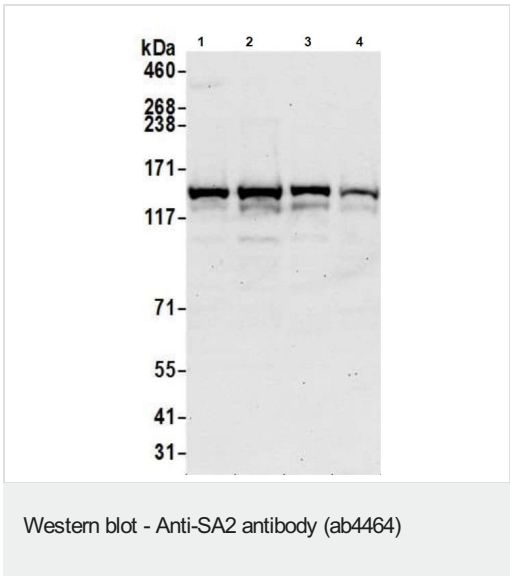
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 134 kDa (predicted molecular weight: 134 kDa).
ICC		1/500 - 1/2000.

靶标

功能	Component of cohesin complex, a complex required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The cohesin complex may also play a role in spindle pole assembly during mitosis.
序列相似性	Belongs to the SCC3 family. Contains 1 SCD (stromalin conservative) domain.
翻译后修饰	Phosphorylated by PLK. The large dissociation of cohesin from chromosome arms during prophase is partly due to its phosphorylation.
细胞定位	Nucleus. Chromosome. Chromosome > centromere. Associates with chromatin. Before prophase it is scattered along chromosome arms. During prophase, most of cohesin complexes dissociate from chromatin probably because of phosphorylation by PLK, except at centromeres, where cohesin complexes remain. At anaphase, the RAD21 subunit of cohesin is cleaved, leading to the dissociation of the complex from chromosomes, allowing chromosome separation. In germ cells, cohesin complex dissociates from chromatin at prophase I, and may be replaced by a meiosis-specific cohesin complex.

图片



All lanes : Anti-SA2 antibody (ab4464) at 1/10000 dilution

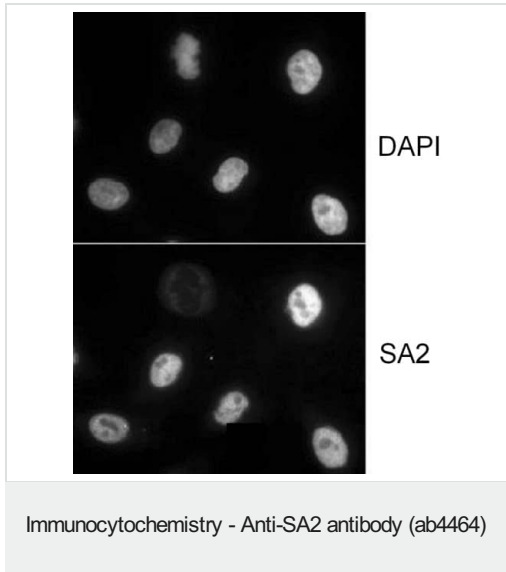
- Lane 1 :** HeLa Whole cell lysate
- Lane 2 :** HEK293T Whole cell lysate
- Lane 3 :** Jurkat Whole cell lysate
- Lane 4 :** mouse TCMK-1 cells Whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 134 kDa

Detection: Chemiluminescence with an exposure time of 30

seconds.



Immunocytochemistry analysis of HeLa cells (extracted for 5 minutes at 4°C in 0.5% Triton in CSK buffer) labelling SA2 with ab4464 at 1µg/ml.

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

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