

Anti-SERCA1 ATPase antibody [VE121G9] - BSA and Azide free ab255956

重组

3 图像

概述

产品名称	Anti-SERCA1 ATPase抗体[VE121G9] - BSA and Azide free
描述	小鼠单克隆抗体[VE121G9] to SERCA1 ATPase - BSA and Azide free
宿主	Mouse
特异性	Detects Sarcoplasmic or Endoplasmic Reticulum Calcium 1 (SERCA 1) ATPase.
经测试应用	适用于: WB, IHC-P, IHC-Fr
种属反应性	与反应: Mouse, Human
免疫原	Full length native protein (purified). This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human skeletal muscle tissue lysate. IHC-P: Human, mouse and rat skeletal muscle tissue.
常规说明	<p>ab255956 is the carrier-free version of ab2819.</p> <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.

存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	VE121G9
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab255956于以下的经测试应用

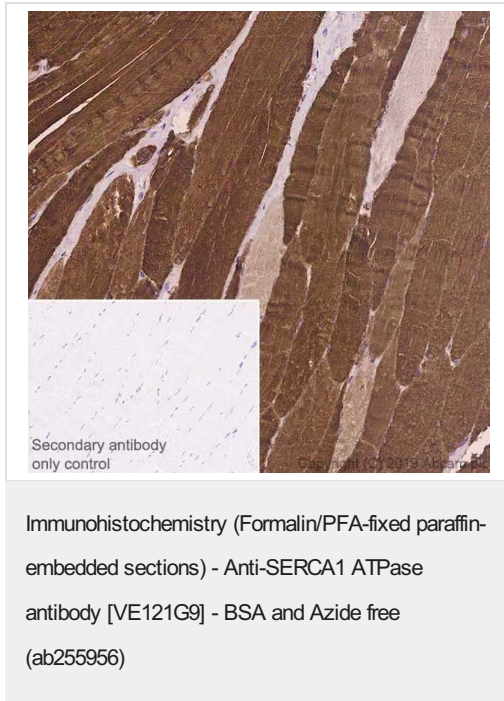
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 99 kDa (predicted molecular weight: 110 kDa).
IHC-P		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

靶标

功能	Key regulator of striated muscle performance by acting as the major Ca(2+) ATPase responsible for the reuptake of cytosolic Ca(2+) into the sarcoplasmic reticulum. Catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen. Contributes to calcium sequestration involved in muscular excitation/contraction.
组织特异性	Skeletal muscle, fast twitch muscle (type II) fibers.
疾病相关	Brody myopathy
序列相似性	Belongs to the cation transport ATPase (P-type) (TC 3.A.3) family. Type IIA subfamily.
发展阶段	Isoform SERCA1A accounts for more than 99% of SERCA1 isoforms expressed in adult skeletal muscle, while isoform SERCA1B predominates in neo-natal skeletal muscle.
细胞定位	Endoplasmic reticulum membrane. Sarcoplasmic reticulum membrane.

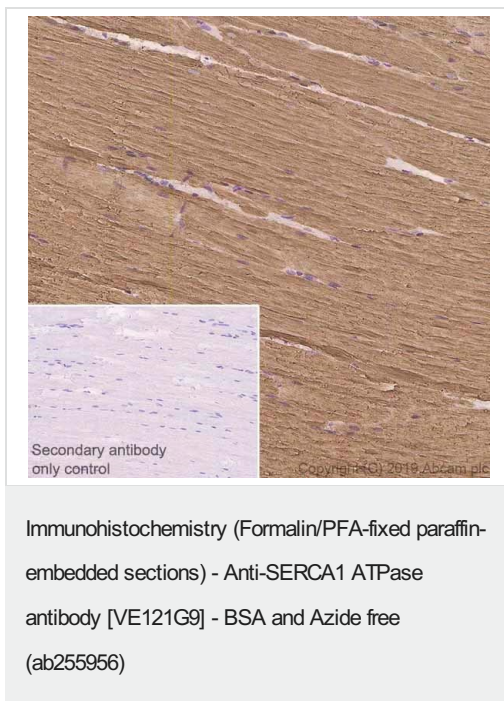
图片



This image was produced using the same antibody clone but in a different formulation containing PBS, sodium azide ([ab2819](#)).

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue labeling SERCA1 ATPase with ab255956 at 1/200 dilution, followed by ready to use secondary. Cytoplasmic staining on human skeletal muscle tissue is observed. The section was incubated with [ab2819](#) for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by ready to use secondary.



This image was produced using the same antibody clone but in a different formulation containing PBS, sodium azide, ([ab2819](#)).

Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue labeling SERCA1 ATPase with ab255956 at 1/200 dilution, followed by ready to use secondary. Cytoplasmic staining on mouse skeletal muscle tissue is observed. The section was incubated with [ab2819](#) for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by ready to use secondary.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-SERCA1 ATPase antibody [VE121G9] - BSA
and Azide free (ab255956)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors