


Anti-alpha smooth muscle Actin antibody ab21027

★★★★★ [23 Abreviews](#) [138 References](#) [2 图像](#)

概述

产品名称	Anti-alpha smooth muscle Actin抗体
描述	山羊多克隆抗体 to alpha smooth muscle Actin
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Dog, Pig 
免疫原	Synthetic peptide corresponding to Human alpha smooth muscle Actin aa 1-100 (N terminal). Database link: P62736 Run BLAST with Run BLAST with
阳性对照	WB: Human and rat duodenum lysate. HeLa and NIH/3T3 whole cell lysate.
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: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab21027于以下的经测试应用

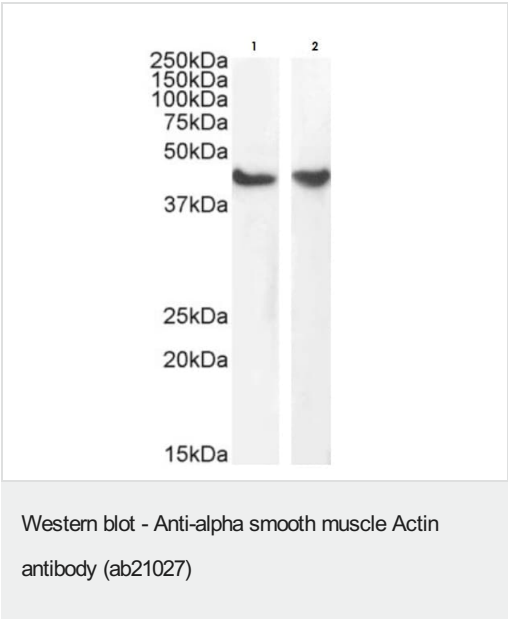
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (2)	Use a concentration of 0.1 - 1 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 42 kDa). A 1 hour primary incubation at room temperature is recommended for this product.

靶标

功能	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
疾病相关	Defects in ACTA2 are the cause of aortic aneurysm familial thoracic type 6 (AAT6) [MIM:611788]. AATs are characterized by permanent dilation of the thoracic aorta usually due to degenerative changes in the aortic wall. They are primarily associated with a characteristic histologic appearance known as 'medial necrosis' or 'Erdheim cystic medial necrosis' in which there is degeneration and fragmentation of elastic fibers, loss of smooth muscle cells, and an accumulation of basophilic ground substance.
序列相似性	Belongs to the actin family.
细胞定位	Cytoplasm > cytoskeleton.

图片



All lanes : Anti-alpha smooth muscle Actin antibody (ab21027) at 1 µg/ml

Lane 1 : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

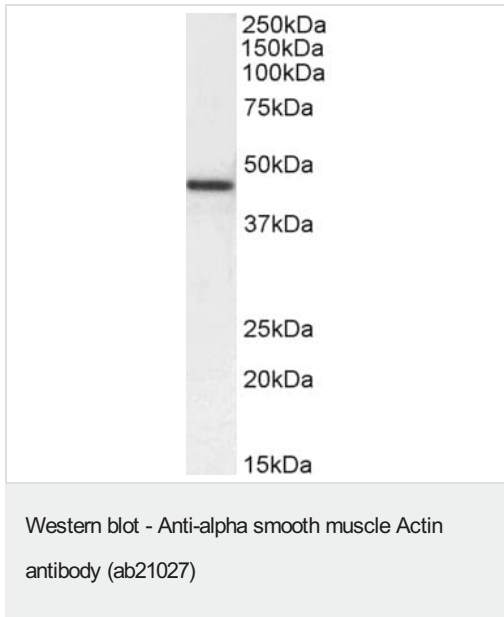
Lane 2 : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 42 kDa

Lysates in RIPA buffer.

Detected by chemiluminescence.



Anti-alpha smooth muscle Actin antibody (ab21027) at 1 µg/ml +
Rat Duodenum lysate at 35 µg

Predicted band size: 42 kDa

Detected by chemiluminescence.

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

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