


Anti-Caveolin-1 antibody [SP43] - C-terminal ab227636

重组 RabMAb

13 图像

概述

产品名称	Anti-Caveolin-1抗体[SP43] - C-terminal
描述	兔单克隆抗体[SP43] to Caveolin-1 - C-terminal
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rabbit, Cow, Dog, Pig 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-P: Human lung carcinoma, placenta, liver hepatocellular carcinoma, lung, skeletal muscle, liver, cerebellum, cerebral cortex, colon and HK lymphoma tissues
常规说明	This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.

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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
纯度	Protein A/G purified
纯化说明	Purified from TCS by protein A/G.
克隆	单克隆
克隆编号	SP43
同种型	IgG

应用

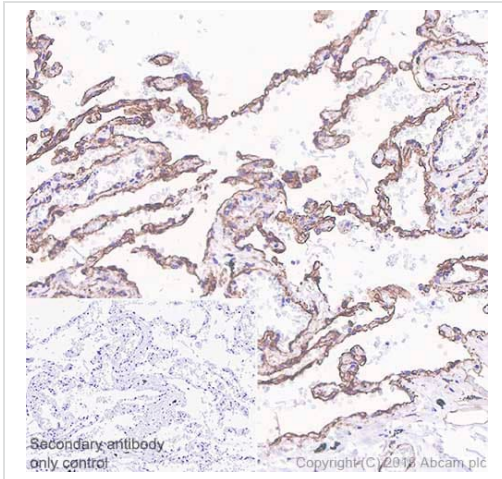
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Primary antibody incubation for 30 minutes at room temperature.

靶标

功能	May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity (By similarity). Involved in the costimulatory signal essential for T-cell receptor (TCR)-mediated T-cell activation. Its binding to DPP4 induces T-cell proliferation and NF-kappa-B activation in a T-cell receptor/CD3-dependent manner. Recruits CTNNB1 to caveolar membranes and may regulate CTNNB1-mediated signaling through the Wnt pathway.
组织特异性	Expressed in muscle and lung, less so in liver, brain and kidney.
疾病相关	Defects in CAV1 are the cause of congenital generalized lipodystrophy type 3 (CGL3) [MIM:612526]; also called Berardinelli-Seip congenital lipodystrophy type 3 (BSCL3). Congenital generalized lipodystrophies are autosomal recessive disorders characterized by a near absence of adipose tissue, extreme insulin resistance, hypertriglyceridemia, hepatic steatosis and early onset of diabetes.
序列相似性	Belongs to the caveolin family.
翻译后修饰	The initiator methionine for isoform Beta is removed during or just after translation. The new N-terminal amino acid is then N-acetylated.
细胞定位	Golgi apparatus membrane. Cell membrane. Membrane > caveola. Membrane raft. Colocalized with DPP4 in membrane rafts. Potential hairpin-like structure in the membrane. Membrane protein of caveolae.

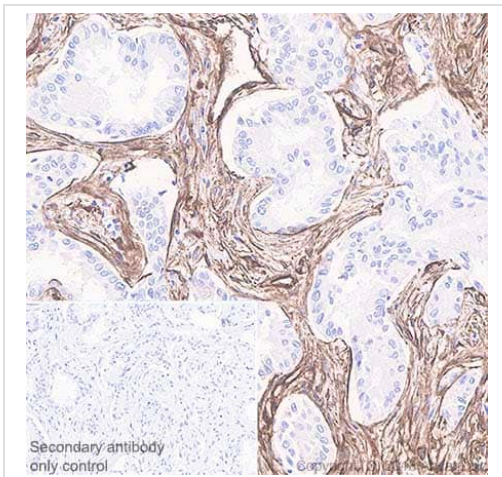
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human lung tissue sections labeling Caveolin-1 with ab227636 at 1/50 dilution (4.70 µg/ml). Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 10mins. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on human lung, performed on a Leica Biosystems BOND™ RX instrument.

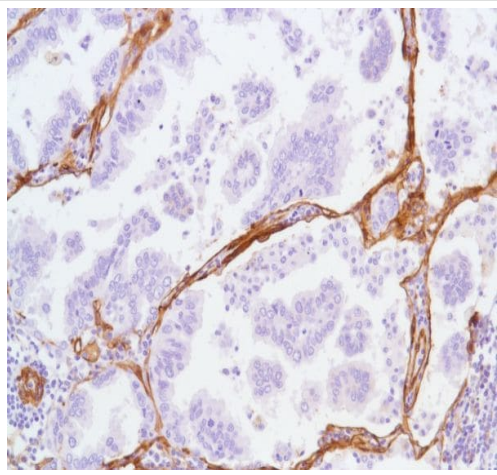
The section was incubated with ab227636 for 30 mins at room temperature.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)

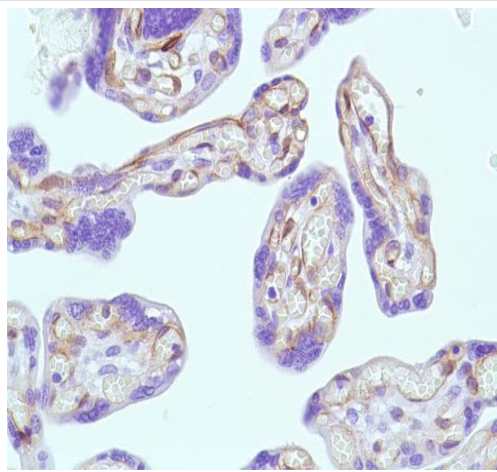
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human lung carcinoma tissue sections labeling Caveolin-1 with ab227636 at 1/50 dilution (4.70 µg/ml). Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 10mins. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the stromal cells in the human lung carcinoma, performed on a Leica Biosystems BOND™ RX instrument.

The section was incubated with ab227636 for 30 mins at room temperature.



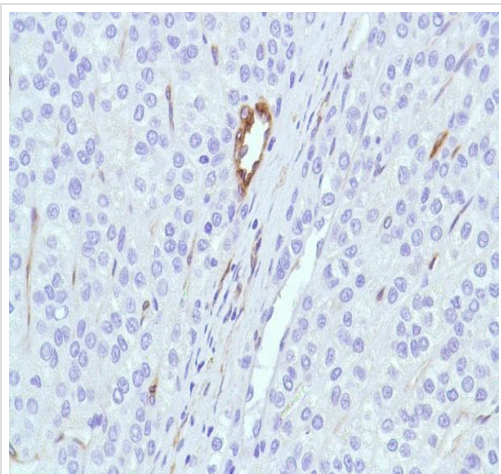
Formalin-fixed, paraffin-embedded human lung carcinoma tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)



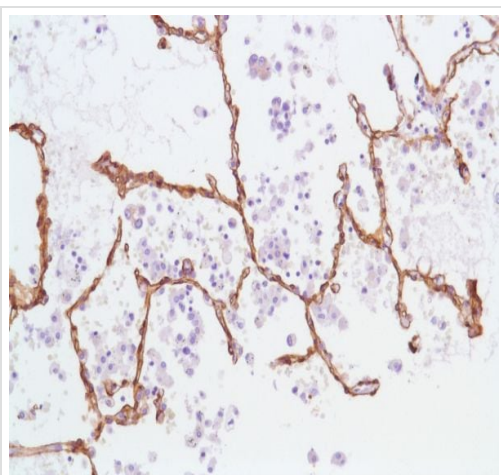
Formalin-fixed, paraffin-embedded human placenta tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)



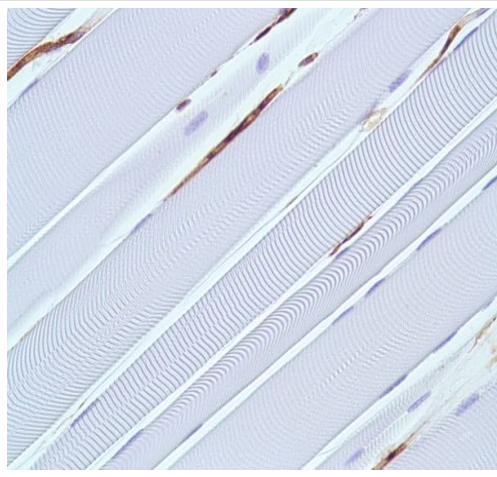
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody
[SP43] - C-terminal (ab227636)

Formalin-fixed, paraffin-embedded human liver hepatocellular carcinoma tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.



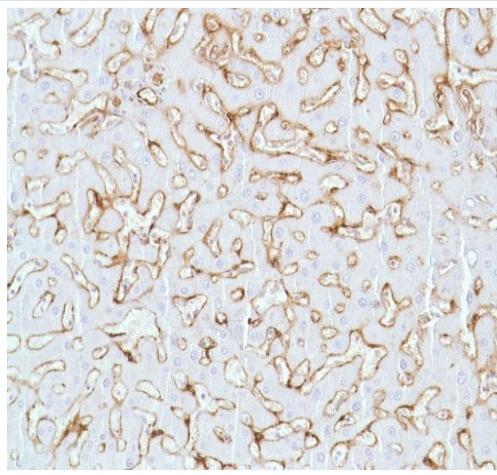
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody
[SP43] - C-terminal (ab227636)

Formalin-fixed, paraffin-embedded human lung tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.



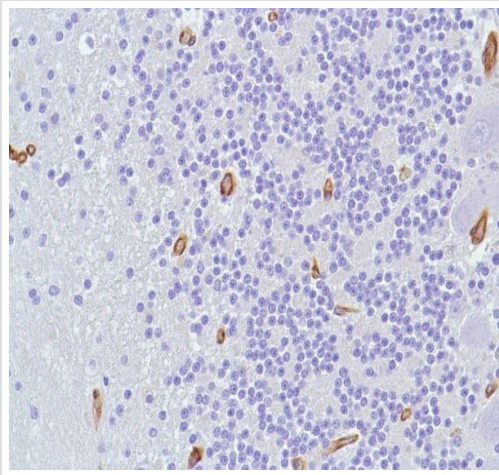
Formalin-fixed, paraffin-embedded human skeletal muscle tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)



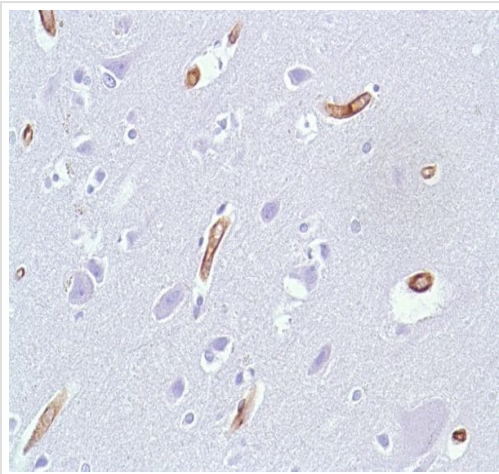
Formalin-fixed, paraffin-embedded human liver tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)



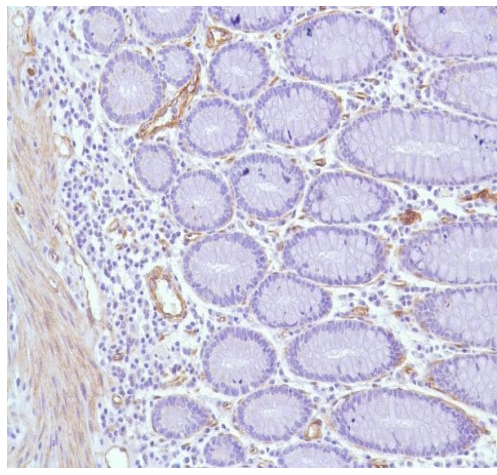
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)

Formalin-fixed, paraffin-embedded human cerebellum tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.



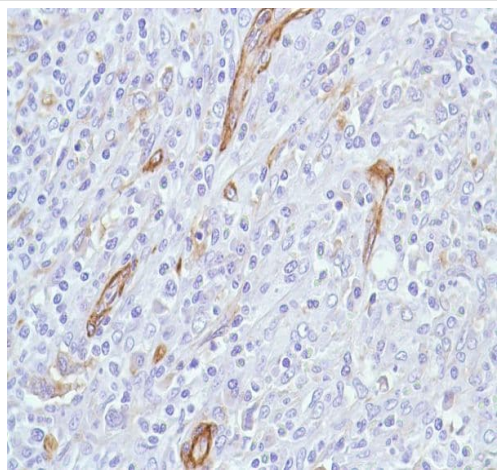
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)

Formalin-fixed, paraffin-embedded human cerebral cortex tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)

Formalin-fixed, paraffin-embedded human colon tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caveolin-1 antibody [SP43] - C-terminal (ab227636)

Formalin-fixed, paraffin-embedded human HK lymphoma tissue stained for Caveolin-1 using ab227636 at 1/50 dilution in immunohistochemical analysis.

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-Caveolin-1 antibody [SP43] - C-terminal
(ab227636)

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