

Anti-SPTBN1 antibody ab72239

★★★★★ [2 Abreviews](#) [10 References](#) [4 图像](#)

概述

产品名称	Anti-SPTBN1抗体
描述	兔多克隆抗体to SPTBN1
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Human 预测可用于: Horse, Cow, Dog, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Opossum, Orangutan, Elephant 
免疫原	Synthetic peptide corresponding to Human SPTBN1. Database link: Q01082
阳性对照	IHC-P: Human colon carcinoma tissue. WB: HeLa cells. IP: 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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
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ab72239于以下的经测试应用

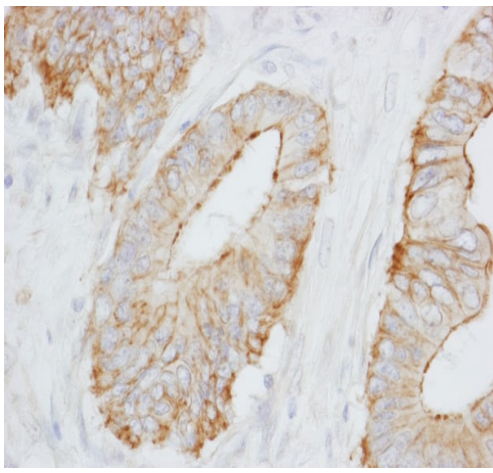
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/2000 - 1/10000. Detects a band of approximately 274 kDa (predicted molecular weight: 274 kDa).
IP		Use at 2-5 µg/mg of lysate.
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

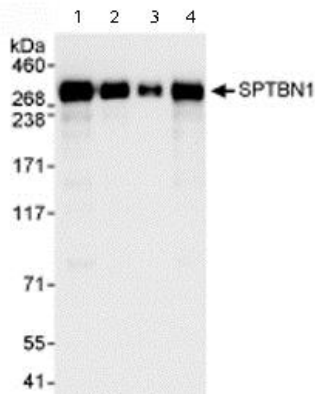
功能	Fodrin, which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.
组织特异性	Isoform 2 is present in brain, lung and kidney (at protein level).
序列相似性	Belongs to the spectrin family. Contains 2 CH (calponin-homology) domains. Contains 1 PH domain. Contains 17 spectrin repeats.
翻译后修饰	Isoform 2 is phosphorylated on Ser-8 and Ser-10.
细胞定位	Cell membrane and Cytoplasm > cytoskeleton. Cytoplasm > myofibril > sarcomere > M line. Colocalizes with ANK2 in a distinct intracellular compartment of neonatal cardiomyocytes.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPTBN1 antibody (ab72239)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon carcinoma tissue labelling SPTBN1 with ab72239 at 1/1000 (0.2µg/ml). Detection: DAB.



Western blot - Anti-SPTBN1 antibody (ab72239)

All lanes : Anti-SPTBN1 antibody (ab72239) at 0.04 µg/ml

Lane 1 : Whole cell lysate from Hela cells at 50 µg

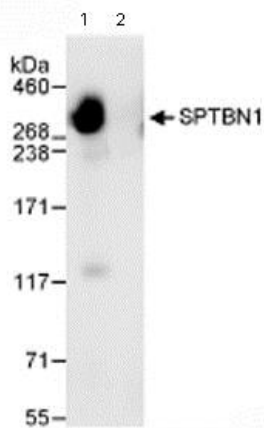
Lane 2 : Whole cell lysate from Hela cells at 15 µg

Lane 3 : Whole cell lysate from Hela cells at 5 µg

Lane 4 : Whole cell lysate from 293T cells at 50 µg

Predicted band size: 274 kDa

Observed band size: 274 kDa



Immunoprecipitation - Anti-SPTBN1 antibody (ab72239)

Immunoprecipitation/ Western Blot of SPTBN1.

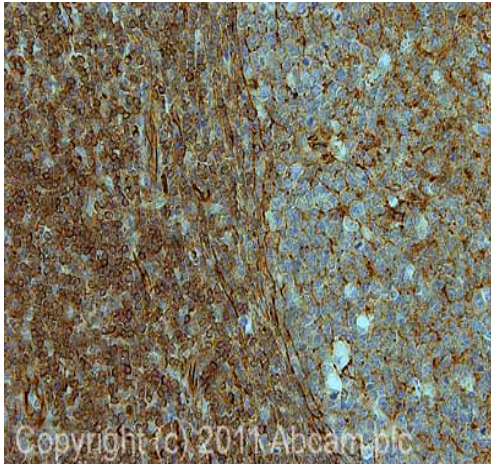
Lane 1: ab72239 at 3µg/mg whole cell lysate.

Lane 2: Control IgG.

ab72239 at 1µg/ml for WB.

Whole cell lysate from Hela cells at 1mg for IP, 20% of IP loaded.

Chemiluminescence with an exposure time of 1 second.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPTBN1 antibody (ab72239)

IHC image of ab72239 staining in human normal tonsil formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab72239, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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