


Anti-SRPK1 antibody ab90527

★★★★★ **1 Abreviews** **5 References** **3 图像**

概述

产品名称	Anti-SRPK1抗体
描述	兔多克隆抗体to SRPK1
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, IP, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Horse, Guinea pig, Dog, Pig, Ferret, Rhesus monkey, Gorilla, Orngutan, Elephant 
免疫原	Synthetic peptide within Human SRPK1 aa 275-325 (internal sequence). The exact sequence is proprietary. (GeneID 6732) Database link: NP_003128.3
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: Tris buffered saline, 0.1% BSA
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ab90527于以下的经测试应用

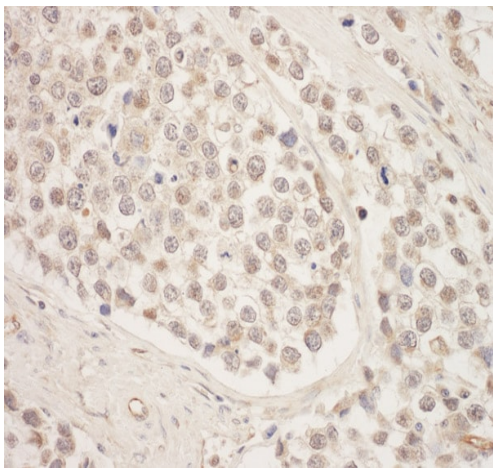
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use at an assay dependent concentration.
WB	★★★★★ (1)	1/2000 - 1/10000. Predicted molecular weight: 92 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

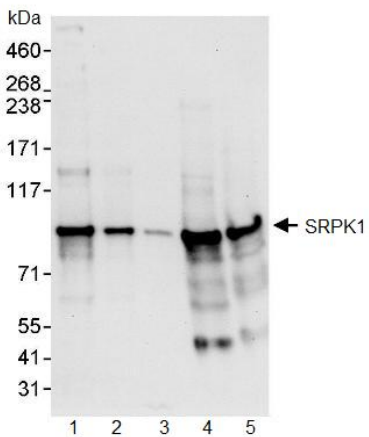
功能	Plays a central role in the regulatory network for splicing, controlling the intranuclear distribution of splicing factors in interphase cells and the reorganization of nuclear speckles during mitosis. Hyperphosphorylates RS domain-containing proteins such as SFRS1, SFRS2 and ZRSR2 on serine residues during metaphase but at lower levels during interphase. Locks onto SFRS1 to form a stable complex and processively phosphorylates the RS domain. Appears to mediate HBV core protein phosphorylation which is a prerequisite for pregenomic RNA encapsidation into viral capsids.
组织特异性	Isoform 2 is predominantly expressed in the testis but is also present at lower levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. Isoform 1 is only seen in the testis, at lower levels than isoform 2.
序列相似性	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. Contains 1 protein kinase domain.
细胞定位	Cytoplasm. Nucleus.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SRPK1 antibody (ab90527)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testicular seminoma tissue labelling SRPK1 with ab90527 at 1/200 (1µg/ml). Detection: DAB.



Western blot - Anti-SRPK1 antibody (ab90527)

All lanes : Anti-SRPK1 antibody (ab90527) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

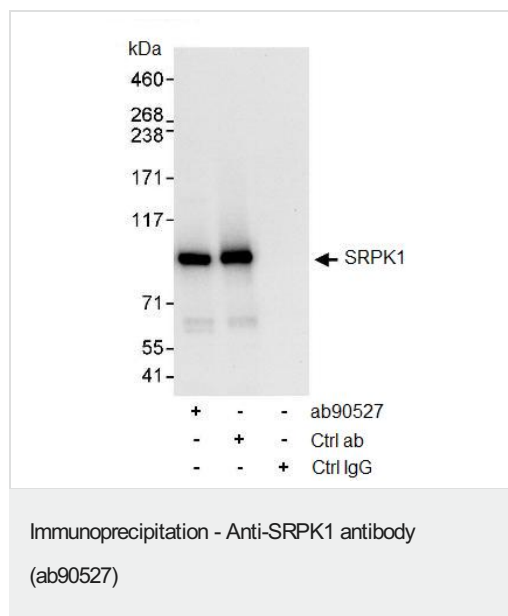
Lane 4 : Whole cell lysate from 293T cells at 50 µg

Lane 5 : Whole cell lysate from NIH 3T3 cells at 50 µg

Developed using the ECL technique.

Predicted band size: 92 kDa

Exposure time: 10 seconds



ab90527 at 1 µg/ml detecting SRPK1 following immunoprecipitation from HeLa cell lysate. Detection by ECL with a 3 second exposure.

Lane 1: HeLa cell lysate IP with ab90527

Lane 2: HeLa cell lysate IP with an antibody to a downstream epitope of SRPK1

Lane 3: HeLa cell lysate IP with control IgG

All antibodies used at at 3 µg/mg lysate for immunoprecipitation. 1 mg of lysate was used for IP and 20% of IP loaded.

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