

Anti-LKB1 (phospho S428) antibody ab63473

★★★★★ [1 Abreviews](#) [8 References](#) [2 图像](#)

概述

产品名称	Anti-LKB1 (phospho S428)抗体
描述	兔多克隆抗体to LKB1 (phospho S428)
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Mouse
免疫原	Synthetic peptide corresponding to Human LKB1 (phospho S428). Database link: Q15831
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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p> <p>Without Mg²⁺ and Ca²⁺</p>
纯度	Immunogen affinity purified
纯化说明	ab63473 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab63473于以下的经测试应用

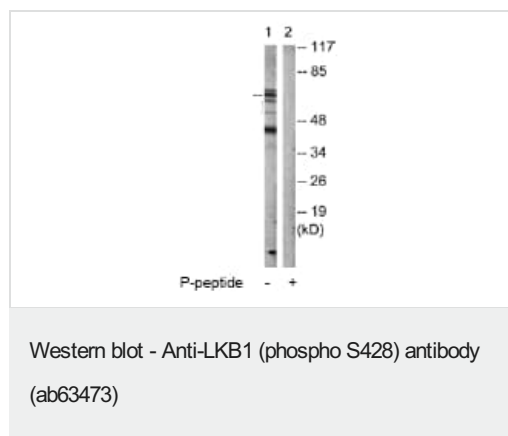
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/500 - 1/1000.
WB	★★★★★ (1)	1/500 - 1/1000. Predicted molecular weight: 48 kDa.

靶标

功能	Essential role in G1 cell cycle arrest. Phosphorylates and activates members of the AMPK-related subfamily of protein kinases. Tumor suppressor.
组织特异性	Ubiquitously expressed. Strongest expression in testis and fetal liver.
疾病相关	Defects in STK11 are a cause of Peutz-Jeghers syndrome (PJS) [MIM:175200]. PJS is a rare hereditary disease in which there is predisposition to benign and malignant tumors of many organ systems. PJS is an autosomal dominant disorder characterized by melanocytic macules of the lips, multiple gastrointestinal hamartomatous polyps and an increased risk for various neoplasms, including gastrointestinal cancer. Defects in STK11 have been associated with testicular tumors (TEST) [MIM:273300]. A common solid malignancy in males. Germ cell tumors of the testis constitute 95% of all testicular neoplasms.
序列相似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. LKB1 subfamily. Contains 1 protein kinase domain.
翻译后修饰	Phosphorylated by a cAMP-dependent protein kinase.
细胞定位	Nucleus. Cytoplasm. Relocates to the cytoplasm when bound to CAB39 and STRAD or CAB39 and ALS2CR2.

图片



All lanes : Anti-LKB1 (phospho S428) antibody (ab63473) at 1/500 dilution

Lane 1 : mouse brain extracts

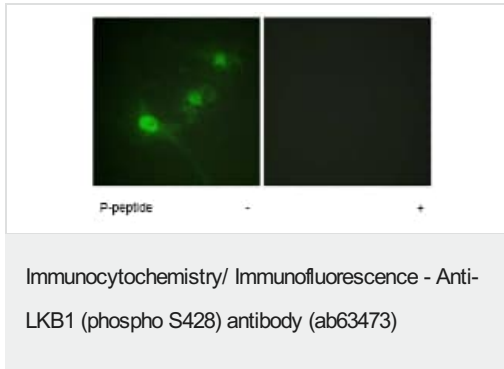
Lane 2 : mouse brain extracts with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 48 kDa

Observed band size: 48 kDa

Additional bands at: 45 kDa. We are unsure as to the identity of these extra bands.



ab63473 at 1/500 dilution staining LKB1 in NIH3T3 cells by Immunofluorescence, in the absence or presence of the immunising peptide.

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

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