

# Anti-SDHC antibody ab129736

## 1 图像

### 概述

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产品名称	Anti-SDHC抗体
描述	兔多克隆抗体to SDHC
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Horse, Chimpanzee, Macaque monkey, Orangutan 
免疫原	Synthetic peptide corresponding to Human SDHC aa 1-100 conjugated to keyhole limpet haemocyanin. Database link: <a href="#">Q99643</a>
阳性对照	This antibody gave a positive signal in a nuclear extract from Jurkat cells, and in the following whole cell lysates: THP1; U937; HEK293.
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&amp;As</p>

### 性能

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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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

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ab129736于以下的经测试应用

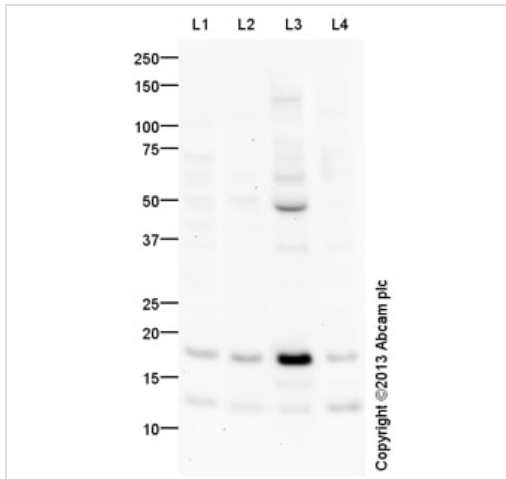
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 18 kDa (predicted molecular weight: 18 kDa).

## 靶标

<b>功能</b>	Membrane-anchoring subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q).
<b>通路</b>	Carbohydrate metabolism; tricarboxylic acid cycle.
<b>疾病相关</b>	Defects in SDHC are the cause of hereditary paragangliomas type 3 (PGL3) [MIM:605373]; also known as autosomal dominant non-chromaffin paragangliomas type 3. Non-chromaffin paragangliomas are usually benign, neural crest derived tumors of parasympathetic ganglia. Defects in SDHC are a cause of paraganglioma and gastric stromal sarcoma (PGSS) [MIM:606864]; also known as Carney-Stratakis syndrome. Gastrointestinal stromal tumors may be sporadic or inherited in an autosomal dominant manner, alone or as a component of a syndrome associated with other tumors, such as in the context of neurofibromatosis type 1 (NF1). Patients have both gastrointestinal stromal tumors and paragangliomas. Susceptibility to the tumors was inherited in an apparently autosomal dominant manner, with incomplete penetrance.
<b>序列相似性</b>	Belongs to the cytochrome b560 family.
<b>细胞定位</b>	Mitochondrion inner membrane.

## 图片



Western blot - Anti-SDHC antibody (ab129736)

**All lanes :** Anti-SDHC antibody (ab129736) at 1 µg/ml

**Lane 1 :** THP1 (Human acute monocytic leukemia cell line) Whole Cell Lysate

**Lane 2 :** U937 (Human leukemic monocyte lymphoma cell line) Whole Cell Lysate

**Lane 3 :** Jurkat (Human T cell lymphoblast-like cell line) Nuclear Lysate

**Lane 4 :** HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 18 kDa

**Observed band size:** 18 kDa

**Additional bands at:** 13 kDa (possible non-specific binding), 140 kDa (possible non-specific binding), 50 kDa (possible non-specific binding)

**Exposure time:** 20 minutes

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes.

The membrane was then blocked for an hour using 5% Bovine Serum Albumin before being incubated with ab129736 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution.

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

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