

## Product datasheet

# Anti-SRGAP1 antibody ab76926

★★★★☆ 2 Abreviews 3 图像

### 概述

产品名称	Anti-SRGAP1抗体
描述	兔多克隆抗体to SRGAP1
宿主	Rabbit
特异性	Does not crossreact with human srGAP2 or human srGAP3
经测试应用	适用于: WB, IP
种属反应性	与反应: Mouse, Human 预测可用于: Horse, Guinea pig, Cow, Dog, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster, Orangutan, Bat, Elephant
免疫原	Synthetic peptide corresponding to a region between residue 979 and 1029 of human SRGAP1 (NP_065813.1)
阳性对照	HeLa and 293T whole cell lysates.

### 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	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	ab76926 was affinity purified using an epitope specific to SRGAP1 immobilized on solid support.
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab76926** in the following tested applications.

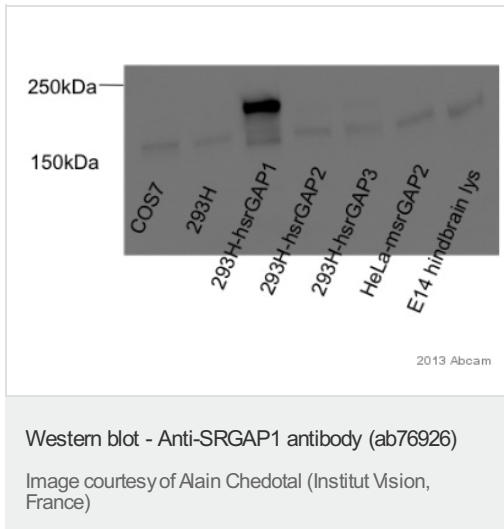
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB	★★★★☆	1/2000 - 1/10000. Predicted molecular weight: 124 kDa.
IP		Use at 2-5 µg/mg of lysate.

## 靶标

<b>功能</b>	GTPase-activating protein for RhoA and Cdc42 small GTPases. Together with CDC42 seems to be involved in the pathway mediating the repulsive signaling of Robo and Slit proteins in neuronal migration. SLIT2, probably through interaction with ROBO1, increases the interaction of SRGAP1 with ROBO1 and inactivates CDC42.
<b>组织特异性</b>	Expressed in brain, lung, kidney, and testis.
<b>序列相似性</b>	Contains 1 FCH domain. Contains 1 Rho-GAP domain. Contains 1 SH3 domain.
<b>结构域</b>	The F-BAR domain mediates oligomerization, binds membranes, and constrains plasma membrane protrusions.

## 图片



**All lanes** : Anti-SRGAP1 antibody (ab76926)  
 at 1/2000 dilution

- Lane 1** : COS7 Whole cell lysate
- Lane 2** : HEK293H Whole cell lysate
- Lane 3** : HEK293H Whole cell lysate overexpressing human srGAP1
- Lane 4** : HEK293H whole cell lysate overexpressing human srGAP2
- Lane 5** : HEK293H whole cell lysate overexpressing human srGAP3
- Lane 6** : HeLa whole cell lysate overexpressing mouse srGAP2
- Lane 7** : Mouse E14 hindbrain lysate

Lysates/proteins at 30 µg per lane.

**Secondary**

**All lanes** : Goat polyclonal to Rabbit IgG  
 Conjugated to HRP at 1/20000 dilution

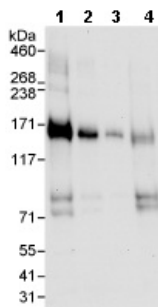
Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 124 kDa  
**Observed band size:** 150 kDa  
**Additional bands at:** 170 kDa (possible tagged protein)

**Exposure time:** 5 minutes

**Blocking:** 5% Milk



Western blot - Anti-SRGAP1 antibody (ab76926)

**All lanes :** Anti-SRGAP1 antibody (ab76926)

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 :** 293T whole cell lysate. at 50 µg

**Predicted band size:** 124 kDa

**Observed band size:** 150 kDa

**Additional bands at:** 75 kDa, 80 kDa. We are unsure as to the identity of these extra bands.



Immunoprecipitation - Anti-SRGAP1 antibody (ab76926)

ab76926 at 1µg/ml staining SRGAP1 in HeLa whole cell lysate immunoprecipitated using ab76926 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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