

## Product datasheet

### Anti-srGAP2 antibody ab121977

★★★★★ [2 Abreviews](#) [3 References](#) [5 Images](#)

#### Overview

<b>Product name</b>	Anti-srGAP2 antibody
<b>Description</b>	Rabbit polyclonal to srGAP2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human, African green monkey
<b>Immunogen</b>	antigen: LEPLKTSPVV APTSEPSSPL HTQLLKDPEP AFQRSASTAG DIACAFRPVK SVKMAAPVKP PATRPKPTVF PKTNATSPGV NSSTSPQST, corresponding to amino acids 977-1065 of Human srGAP2.

 [Run BLAST with](#)  [Run BLAST with](#) 

#### General notes

ab121977 is mono-specific.

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.

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

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Primary antibody notes</b>	ab121977 is mono-specific.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab121977 in the following tested applications.

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

Application	Abreviews	Notes
IHC-P		1/10 - 1/20. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 121 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

## Target

### Function

Putative GTPase-activating protein for Rho family small GTPases.

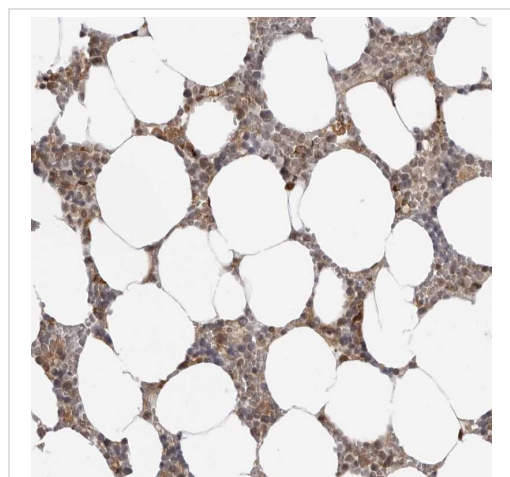
### Tissue specificity

Expression at low levels in placenta, kidney, and ovary, and little or no expression in all other tissues tested.

### Sequence similarities

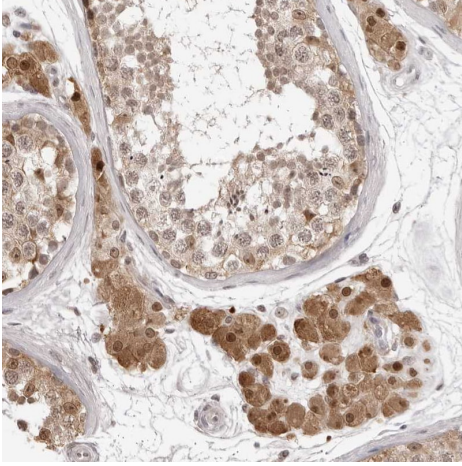
Contains 1 FCH domain.  
Contains 1 Rho-GAP domain.  
Contains 1 SH3 domain.

## Images



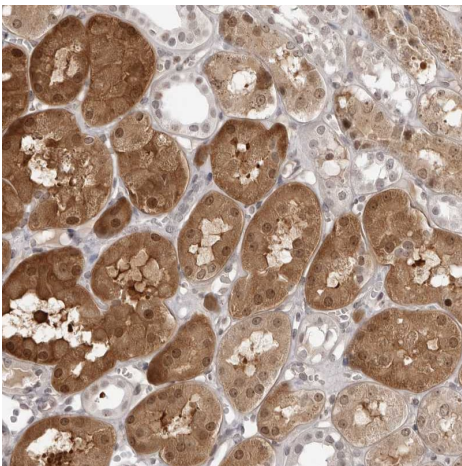
Immunohistochemical analysis of human bone marrow labelling SRGA2 using ab121977 at 1/50 dilution. Positive nuclear and cytoplasmic staining observed in hematopoietic cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-srGAP2 antibody (ab121977)



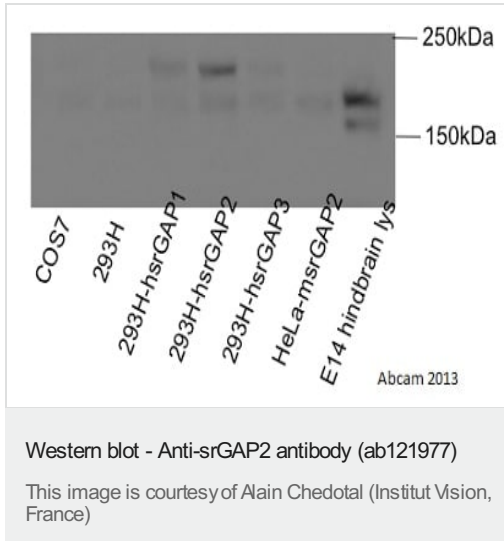
Immunohistochemical analysis of human testis tissue labelling SRGAP2 using ab121977 at 1/50 dilution. Positive nuclear and cytoplasmic staining observed in Leydig cells and seminiferous duct cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-srGAP2 antibody (ab121977)



Immunohistochemical analysis of human kidney tissue labelling SRGAP2 using ab121977 at 1/50 dilution. Positive nuclear and cytoplasmic staining observed in distal tube cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-srGAP2 antibody (ab121977)



**All lanes :** Anti-srGAP2 antibody (ab121977) at 1/100 dilution

**Lane 1 :** COS7 Whole cell lysate

**Lane 2 :** HEK293H Whole Cell Lysate

**Lane 3 :** HEK293H Over expressing human srGAP1

**Lane 4 :** HEK293H Over expressing human srGAP2

**Lane 5 :** HEK293H Over expressing human srGAP3

**Lane 6 :** HeLa cells over expressing 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.

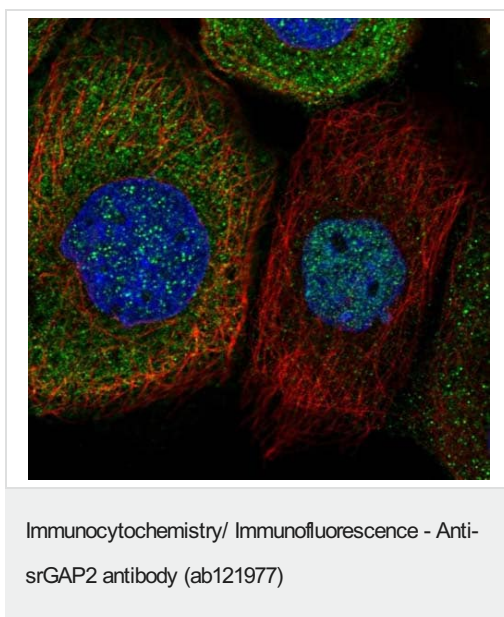
**Predicted band size:** 121 kDa

**Observed band size:** 170 kDa

**Additional bands at:** 200 kDa (possible tagged protein)

**Exposure time:** 5 minutes

**Blocking:** 5% Milk



Immunofluorescent staining of Human cell line A-431 shows positivity in nucleus but not nucleoli and cytoplasm. Recommended concentration of ab121977 1-4 µg/ml. Cells treated with PFA/Triton X-100.

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors