abcam

## ab33892

# Anti-SV2C antibody

Rabbit Polyclonal SV2C antibody. Suitable for WB, IHC-FoFr, ICC/IF and reacts with Mouse, Rat samples. Cited in 4 publications.

## Key facts

| | |
|---|---|
| **Isotype** | IgG |
| **Host species** | Rabbit |
| **Storage buffer** | Standard buffer |
| **Clonality** | Polyclonal |
| **Immunogen** | The exact immunogen used to generate this antibody is proprietary information. |

## Reactivity data

## WB

### Tested

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | 1 µg/mL |
| **Notes** | - |

| | |
|---|---|
| **Species** | Rat |
| **Dilution info** | 1 µg/mL |
| **Notes** | - |

### Predicted

| | |
|---|---|
| **Species** | Human |

| | |
|---|---|
| **Dilution info** | - |
| **Notes** | - |

## IHC-FoFr

### Expected

| | |
|---|---|
| **Species** | Mouse, Rat |
| **Dilution info** | Use at an assay dependent concentration. |
| **Notes** | - |

### Predicted

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | - |
| **Notes** | - |

## ICC/IF

### Tested

| | |
|---|---|
| **Species** | Rat |
| **Dilution info** | 1 µg/mL |
| **Notes** | - |

### Expected

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | Use at an assay dependent concentration. |
| **Notes** | - |

### Predicted

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | - |
| **Notes** | - |

## Notes

Abcam is leading the way to address reproducibility in scientific research with our highly validated recombinant monoclonal and recombinant multiclonal antibodies. Search & select one of Abcam's thousands of recombinant alternatives to eliminate batch-variability and unnecessary animal use.

If you do not find a host species to meet your needs, our catalogue and custom Chimeric range provides scientists the specificity of Abcam's RabMAbs in the species backbone of your choice. Remember to also review our range of edited cell lines, proteins and biochemicals relevant to your target that may help you further your research goals.

Abcam antibodies are extensively validated in a wide range of species and applications, so please check the reagent specifications meet your scientific needs before purchasing. If you have any questions or bespoke requirements, simply visit the Contact Us page to send us an inquiry or contact our Support Team ahead of purchase.

## Product promise

**Tested**

We have tested this species and application combination and it works. It is covered by our product promise.

**Expected**

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

**Predicted**

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

**Not recommended**

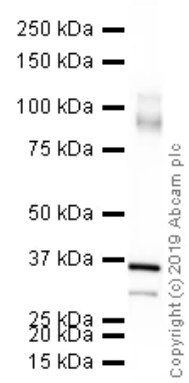
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

## 3 product images




## Western blot - Anti-SV2C antibody (ab33892)

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab33892 overnight at 4°C. Antibody binding was detected using an anti-rabbit HRP secondary antibody (ab6721), and visualised using ECL development solution ab133406.

All lanes:
Western blot - Anti-SV2C antibody (ab33892) at 1 µg/mL

All lanes:
Olfactory Bulb (Rat) Tissue Lysate at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG H&L (HRP) at 1/50000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 82 kDa

Observed band size: 30 kDa, 36 kDa, 82 kDa

Exposure time: 4min


## Western blot - Anti-SV2C antibody (ab33892)

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab33892 overnight at 4°C. Antibody binding was detected using an anti-rabbit HRP secondary antibody (ab6721), and visualised using ECL development solution ab133406.

All lanes:
Western blot - Anti-SV2C antibody (ab33892) at 1 µg/mL

Lane 1:
Substantia Nigra (Mouse) Tissue Lysate at 20 µg

Lane 2:
Olfactory Bulb (Mouse) Tissue Lysate at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG H&L (HRP) at 1/50000 dilution

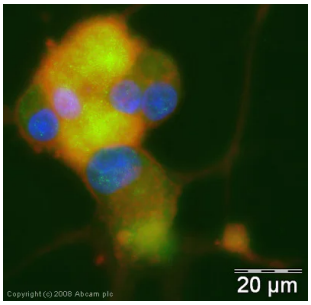
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 82 kDa

Observed band size: 30 kDa, 36 kDa, 82 kDa

Exposure time: 1min




## Immunocytochemistry/ Immunofluorescence - Anti-SV2C antibody (ab33892)

ICC/IF image of ab33892 stained PC12 cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab33892, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue).