

### Anti-SECISBP2 antibody [2957C2a] ab70601

[1 Image](#)

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-SECISBP2 antibody [2957C2a]  |
| <b>Description</b>         | Mouse monoclonal [2957C2a] to SECISBP2  |
| <b>Host species</b>        | Mouse   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | Recombinant fragment of human SECISBP2 derived from a near N terminal internal sequence.  |
| <b>Positive control</b>    | HEK293 whole cell lysate.   |
| <b>General notes</b>       | <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> |

#### 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>       | <p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 1% BSA, 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, 0.0204% Monobasic dihydrogen potassium phosphate, 0.1136% Dibasic monohydrogen sodium phosphate</p> |
| <b>Purity</b>               | Protein G purified  |
| <b>Purification notes</b>   | ab70601 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum and filtered through a 0.22µm membrane.   |
| <b>Clonality</b>            | Monoclonal  |
| <b>Clone number</b>         | 2957C2a   |

Isotype

IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70601 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   |
|-------------|-----------|---|
| WB          |           | Use a concentration of 0.2 - 2 µg/ml. Detects a band of approximately 100 kDa (predicted molecular weight: 95 kDa). |

## Target

### Function

Binds to the SECIS element in the 3'-UTR of some mRNAs encoding selenoproteins. Binding is stimulated by SELB.

### Tissue specificity

Expressed at high levels in testis.

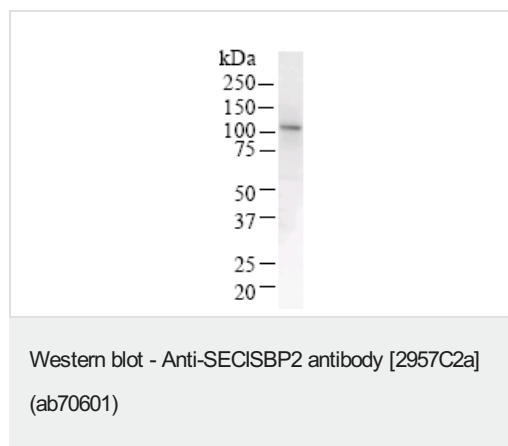
### Involvement in disease

Defects in SECISBP2 are a cause of abnormal thyroid hormone metabolism (ATHYHM) [MIM:609698]. This phenotype is associated with a reduction in type II iodothyronine deiodinase activity.

### Cellular localization

Nucleus.

## Images



Anti-SECISBP2 antibody [2957C2a] (ab70601) at 2 µg/ml +  
HEK293 whole cell lysate at 25 µg

Developed using the ECL technique.

**Predicted band size:** 95 kDa

**Observed band size:** 105 kDa

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

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