


## Product datasheet

# Anti-AARS2 antibody ab197367

[1 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-AARS2 antibody
<b>Description</b>	Rabbit polyclonal to AARS2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	Fusion protein corresponding to Human AARS2 (internal sequence). (BC131728). Database link: <a href="#">Q5JTZ9</a>
<b>Positive control</b>	SP20 cell lysate; Human lymphoma tissue.
<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

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.05% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab197367 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		1/40 - 1/200.
WB		1/500 - 1/2000. Predicted molecular weight: 107 kDa.

## Target

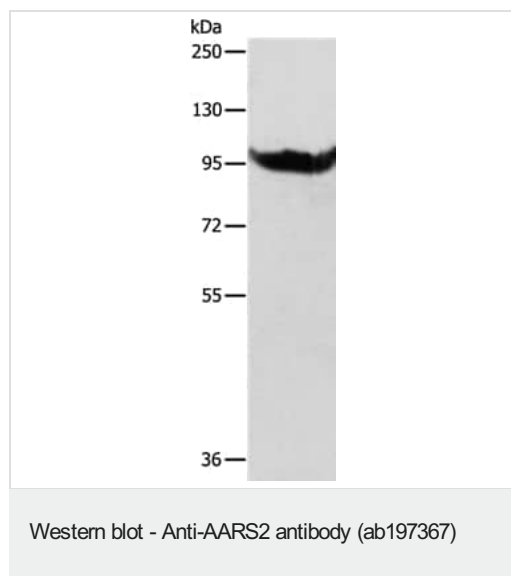
### Relevance

Alanyl-tRNA synthetase 2 (AARS2) is an enzyme that catalyzes the chemical reaction: ATP + L-alanine + tRNA(Ala)  $\leftrightarrow$  AMP + diphosphate + L-alanyl-tRNA(Ala). This enzyme participates in alanine and aspartate metabolism and aminoacyl-tRNA biosynthesis.

### Cellular localization

Mitochondrion matrix

## Images



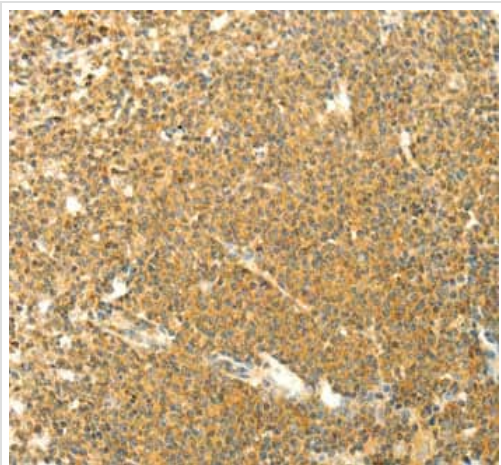
Anti-AARS2 antibody (ab197367) at 1/600 dilution + SP20 cell lysate at 40  $\mu$ g

Developed using the ECL technique.

**Predicted band size:** 107 kDa

**Exposure time:** 15 seconds

Gel: 8%SDS-PAGE



Immunohistochemical analysis of paraffin-embedded Human lymphoma tissue labeling AARS2 with ab197367 at 1/40 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AARS2 antibody (ab197367)

**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**

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
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### **Terms and conditions**

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