

## Product datasheet

# Anti-CARS antibody ab69454

[2 Images](#)

### Overview

<b>Product name</b>	Anti-CARS antibody
<b>Description</b>	Mouse polyclonal to CARS
<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>	Full length human protein (according to NP_001742.1, aa 1 - 748)
<b>Positive control</b>	Human liver tissue lysate; CARS transfected 293T lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab69454** in the following tested applications.

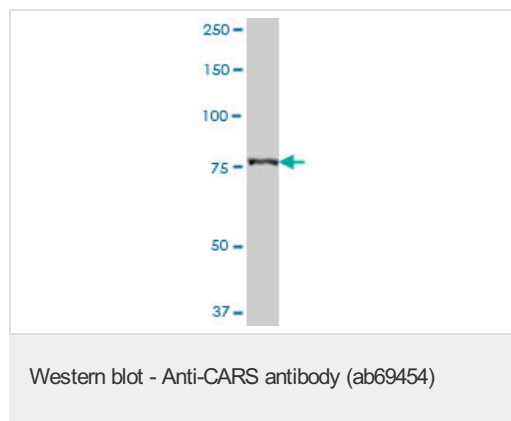
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 86 kDa.

### Target

<b>Involvement in disease</b>	Note=A chromosomal aberration involving CARS is associated with inflammatory myofibroblastic tumors (IMTs). Translocation t(2;11)(p23;p15) with ALK.
<b>Sequence similarities</b>	Belongs to the class-I aminoacyl-tRNA synthetase family.
<b>Cellular localization</b>	Cytoplasm.

## Images



Anti-CARS antibody (ab69454) at 1/500 dilution + human liver tissue lysate at 25 µg

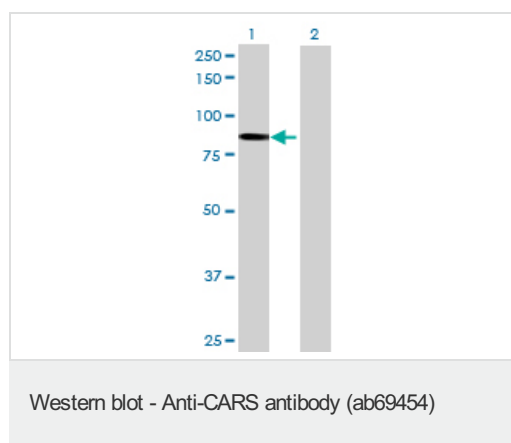
### Secondary

Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Predicted band size:** 86 kDa

**Observed band size:** 80 kDa

[why is the actual band size different from the predicted?](#)



**All lanes :** Anti-CARS antibody (ab69454) at 1/500 dilution

**Lane 1 :** CARS transfected 293T lysate

**Lane 2 :** Non transfected 293T lysate

Lysates/proteins at 25 µg per lane.

### Secondary

**All lanes :** Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Predicted band size:** 86 kDa

**Observed band size:** 86 kDa

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

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