


Product datasheet

Anti-BCS1L antibody ab54846

1 Image

Overview

<b>Product name</b>	Anti-BCS1L antibody
<b>Description</b>	Mouse monoclonal to BCS1L
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment <b>Predicted to work with:</b> Human 
<b>Immunogen</b>	Recombinant fragment: ASTEARIVFM TTNHVDRDLP ALIRPGRVDL KEYVGYCSHW QLTQMFQRFY PGQAPSLAEN FAEHVL RATN QISPAQVQGY FMLYKNDPVG AIHNAESLR, corresponding to amino acids 320-419 of Human BCS1L <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

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 PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab54846** 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
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WB

**Application notes** WB: Use at a concentration of 1-5 µg/ml.

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

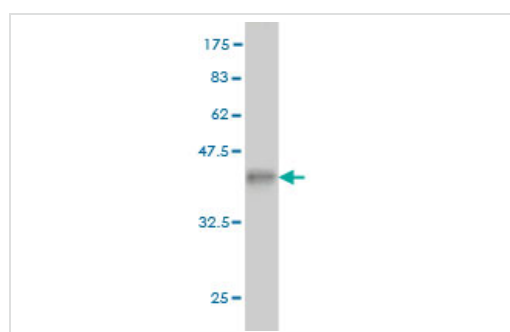
### Relevance

BCS1L (BCS1-like) is a chaperone necessary for the assembly of mitochondrial respiratory chain complex III. The protein does not contain a mitochondrial targeting sequence but experimental studies confirm that it is imported into mitochondria. Mutations in this gene are associated with mitochondrial complex III deficiency and the GRACILE syndrome. Two alternatively spliced transcripts encoding the same protein have been described.

### Cellular localization

Mitochondrial. Mitochondrion inner membrane. Single-pass membrane protein.

## Images



Western blot - BCS1L antibody (ab54846)

Western blot against tagged recombinant protein immunogen using ab54846 BCS1L antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa.

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

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

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