


### HRP Anti-UQCRFS1/RISP antibody [5A5] ab198392

1 Image

#### Overview

<b>Product name</b>	HRP Anti-UQCRFS1/RISP antibody [5A5]
<b>Description</b>	HRP Mouse monoclonal [5A5] to UQCRFS1/RISP
<b>Host species</b>	Mouse
<b>Conjugation</b>	HRP
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow 
<b>Immunogen</b>	Full length native protein (purified). This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: Human heart mitochondria 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	5A5
<b>Isotype</b>	IgG2b
<b>Light chain type</b>	kappa

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab198392 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		1/5000. Detects a band of approximately 25 kDa (predicted molecular weight: 30 kDa).

## Target

### Function

Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis.

The transit peptide of the Rieske protein seems to form part of the bc1 complex and is considered to be the subunit 11/IX of that complex.

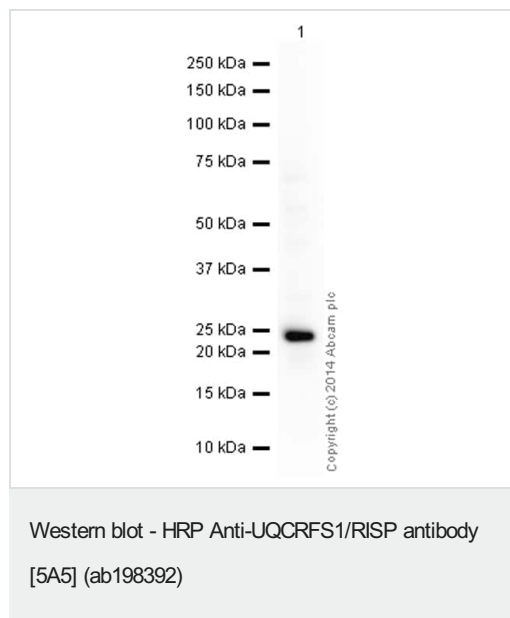
### Sequence similarities

Contains 1 Rieske domain.

### Cellular localization

Mitochondrion inner membrane.

## Images



HRP Anti-UQCRFS1/RISP antibody [5A5] (ab198392) at 1/5000 dilution + Human heart tissue lysate - mitochondrial extract (**ab110337**) at 5 µg

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 30 kDa

**Observed band size:** 25 kDa

**Exposure time:** 30 seconds

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 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 ab198392 overnight at 4°C. Antibody binding was visualised using ECL development

**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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- We provide support in Chinese, English, French, German, Japanese and Spanish
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