

Anti-UQCRFS1/RISP antibody [EPR16288] α b191078

Recombinant RabMAb

[4 References](#) [8 Images](#)

Overview

Product name	Anti-UQCRFS1/RISP antibody [EPR16288]
Description	Rabbit monoclonal [EPR16288] to UQCRFS1/RISP
Host species	Rabbit
Tested applications	Suitable for: WB, IP, ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HeLa, Raji, 293, Human fetal heart, mouse brain, mouse kidney, mouse heart, rat brain, rat heart, rat kidney, RAW264.7 and NIH3T3 lysates; mouse stomach, Human ovarian adenocarcinoma and Human kidney tissues; HeLa cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol, 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR16288

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab191078 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		1/1000 - 1/10000. Detects a band of approximately 25 kDa (predicted molecular weight: 30 kDa).
IP		1/60.
ICC/IF		1/50.
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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.

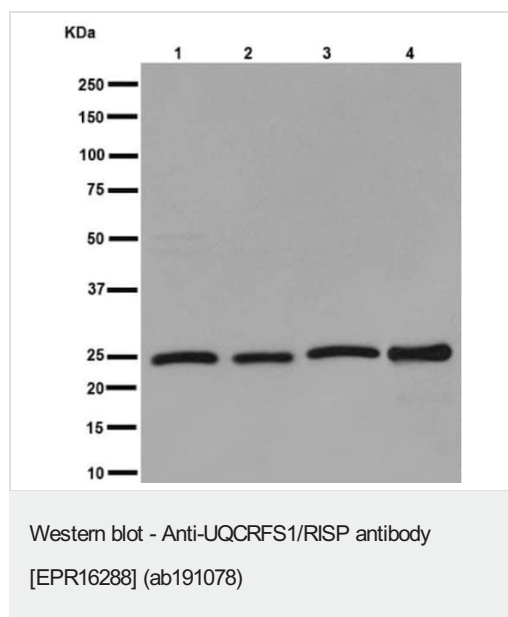
Sequence similarities

Contains 1 Rieske domain.

Cellular localization

Mitochondrion inner membrane.

Images



All lanes : Anti-UQCRCFS1/RISP antibody [EPR16288] (ab191078)
at 1/10000 dilution

Lane 1 : HeLa lysate

Lane 2 : Raji lysates

Lane 3 : 293 lysates

Lane 4 : Human fetal heart lysate

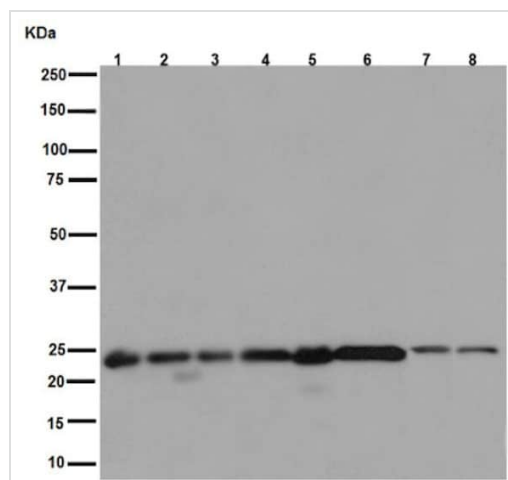
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at
1/1000 dilution

Predicted band size: 30 kDa

Observed band size: 25 kDa



Western blot - Anti-UQCRFS1/RISP antibody
[EPR16288] (ab191078)

All lanes : Anti-UQCRFS1/RISP antibody [EPR16288] (ab191078)
at 1/1000 dilution

Lane 1 : mouse brain lysate

Lane 2 : mouse heart lysate

Lane 3 : mouse kidney lysate

Lane 4 : rat brain lysate

Lane 5 : rat heart lysate

Lane 6 : rat kidney lysate

Lane 7 : RAW264.7 lysate

Lane 8 : NIH3T3 lysate

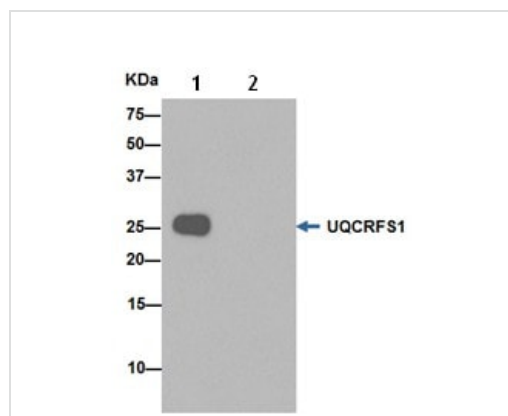
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at
1/1000 dilution

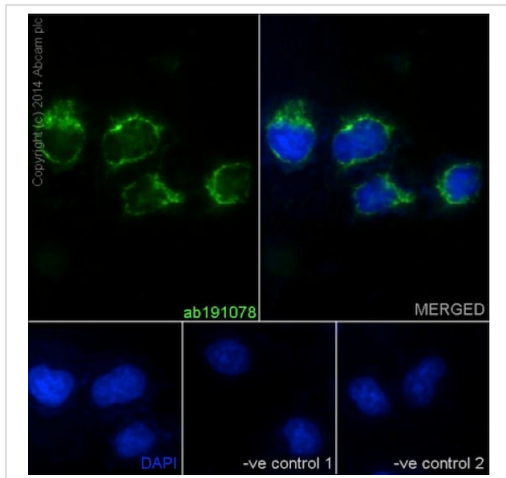
Predicted band size: 30 kDa

Observed band size: 25 kDa



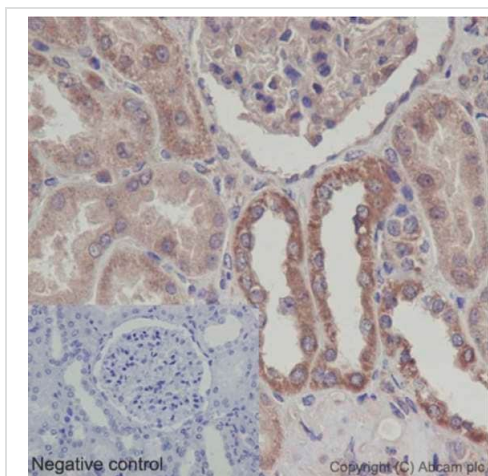
Immunoprecipitation - Anti-UQCRFS1/RISP antibody
[EPR16288] (ab191078)

Western blot analysis of UQCRFS1/RISP in immunoprecipitation
pellets from Human fetal lysate. ab191078 used at 1/60 dilution
(Lane 1) or PBS (Lane 2). Secondary antibody Anti-Rabbit IgG
(HRP), specific to the non-reduced form of IgG at a 1/1500 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-UQCRFS1/RISP antibody [EPR16288] (ab191078)

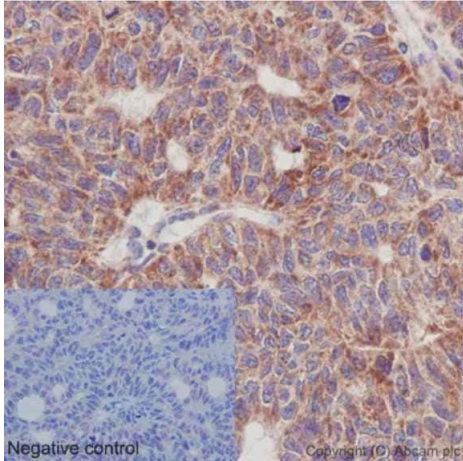
Immunofluorescent analysis of methanol-fixed HeLa cells labeling UQCRFS1/RISP with ab191078 at 1/50, Goat anti rabbit IgG (Alexa Fluor® 488) at 1/200 and DAPI staining (blue). Negative controls also shown.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UQCRFS1/RISP antibody [EPR16288] (ab191078)

Immunohistochemical analysis of paraffin-embedded Human kidney tissue labeling UQCRFS1/RISP with ab191078 at 1/500. Secondary antibody Goat anti rabbit IgG (HRP) prediluted. Counter stain Hematoxylin. Negative control also shown.

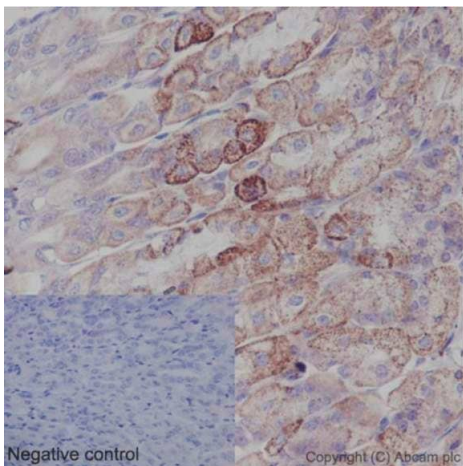
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UQCRFS1/RISP antibody [EPR16288] (ab191078)

Immunohistochemical analysis of paraffin-embedded Human ovarian adenocarcinoma tissue labeling UQCRFS1/RISP with ab191078 at 1/500. Secondary antibody Goat anti rabbit IgG (HRP) prediluted. Counter stain Hematoxylin. Negative control also shown.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UQCRFS1/RISP antibody [EPR16288] (ab191078)

Immunohistochemical analysis of paraffin-embedded Mouse stomach tissue labeling UQCRFS1/RISP with ab191078 at 1/500. Secondary antibody Goat anti rabbit IgG (HRP) prediluted. Counter stain Hematoxylin. Negative control also shown.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-UQCRFS1/RISP antibody [EPR16288]
(ab191078)

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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors