



Product datasheet

Anti-UQCRC2 antibody ab217128

[2 Images](#)

Overview

Product name	Anti-UQCRC2 antibody
Description	Rabbit polyclonal to UQCRC2
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Human
Immunogen	<p>Synthetic peptide within Human UQCRC2 aa 1-50. The exact sequence is proprietary. Sequence:</p> <p>MKLLTRAGSF SRFYSLKVAP KVKATAAPAG APPQPQDLEF TKLPNGLVIA</p> <p>Database link: P22695</p> <p style="text-align: right;"> Run BLAST with  Run BLAST with</p>
Positive control	HeLa, 293T, Jurkat, TCMK1 and NIH 3T3 cell lysate.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</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	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
Purity	pH 7 to 8 Immunogen affinity purified
Purification notes	ab217128 was affinity purified using an epitope specific to UQCRC2 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab217128** in the following tested applications.

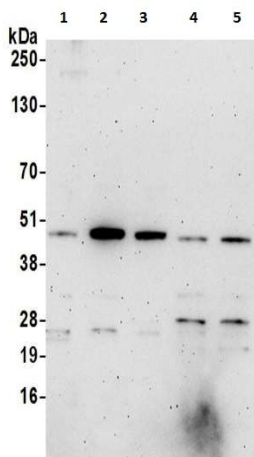
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 48 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

Function	This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. The core protein 2 is required for the assembly of the complex.
Sequence similarities	Belongs to the peptidase M16 family. UQCRC2/QCR2 subfamily.
Cellular localization	Mitochondrion inner membrane.

Images



Western blot - Anti-UQCRC2 antibody (ab217128)

All lanes : Anti-DPP3 antibody (ab217127) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : 293T whole cell lysate

Lane 3 : Jurkat whole cell lysate

Lane 4 : TCMK1 whole cell lysate

Lane 5 : NIH 3T3 whole cell lysate

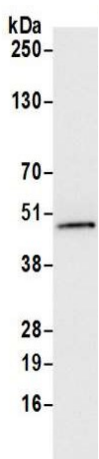
Lysates/proteins at 15 µg per lane.

Developed using the ECL technique.

Predicted band size: 48 kDa

Exposure time: 3 minutes

NETN lysis buffer was used to prepare the lysates.



Immunoprecipitation - Anti-UQCRC2 antibody (ab217128)

Detection of UQCRC2 in Immunoprecipitates of 293T whole cell lysates (1 mg for IP, 20% of IP loaded) using ab217128 at 6 µg/mg lysate for IP (Lane 1). For WB detection ab217128 was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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