


Product datasheet

Anti-Cytochrome b-c1 complex subunit 9/UQCR10 antibody [EPR8178] ab181154

Recombinant RabMAb

4 Images

Overview

Product name	Anti-Cytochrome b-c1 complex subunit 9/UQCR10 antibody [EPR8178]
Description	Rabbit monoclonal [EPR8178] to Cytochrome b-c1 complex subunit 9/UQCR10
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HepG2, Jurkat, Saos-2 and HeLa cell lysates.
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	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR8178

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab181154 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

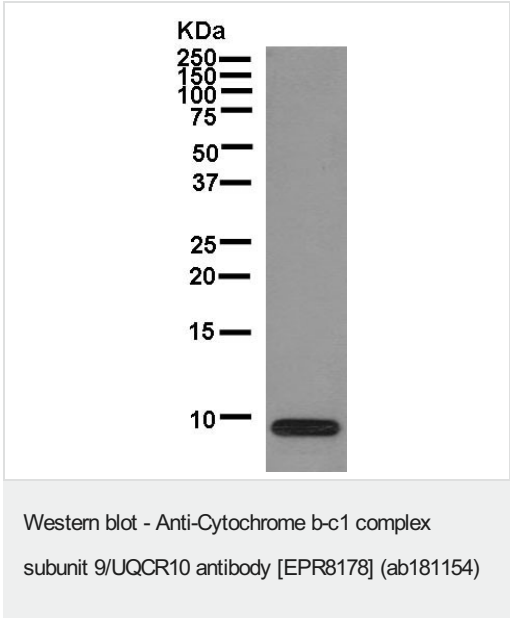
Application	Abreviews	Notes
IP		1/20 - 1/40.
WB		1/1000 - 1/10000. Detects a band of approximately 7 kDa (predicted molecular weight: 7 kDa).

Target

Relevance 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. This subunit interacts with cytochrome c1. Similarity: Belongs to the UQCR10/QCR9 family.

Cellular localization Mitochondrial; Mitochondrion inner membrane

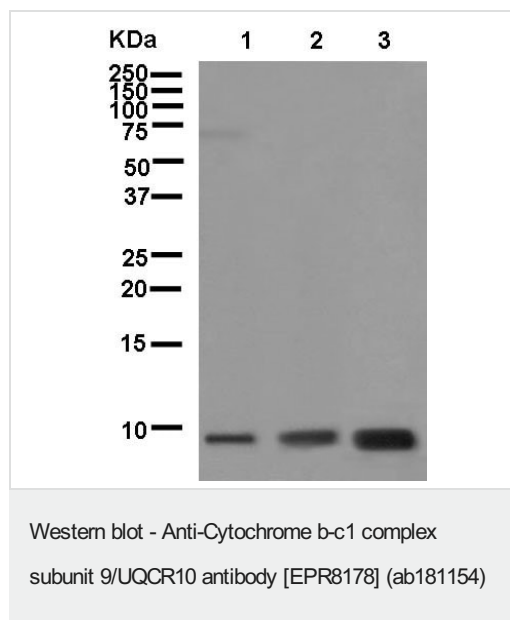
Images



Anti-Cytochrome b-c1 complex subunit 9/UQCR10 antibody [EPR8178] (ab181154) at 1/5000 dilution + HepG2 cell lysate at 10 µg

Secondary
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 7 kDa
Observed band size: 7 kDa



All lanes : Anti-Cytochrome b-c1 complex subunit 9/UQCR10 antibody [EPR8178] (ab181154) at 1/1000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : Saos-2 cell lysate

Lane 3 : HeLa cell lysate

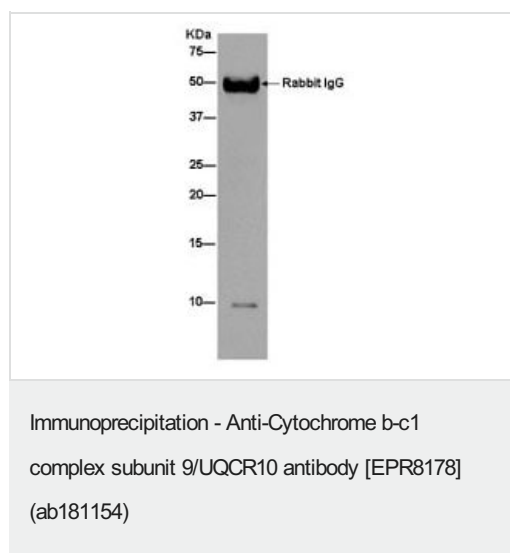
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 7 kDa

Observed band size: 7 kDa



Western blot analysis of Cytochrome b-c1 complex subunit 9/UQCR10 in HepG2 cell lysate immunoprecipitated with ab181154 at 1/50 dilution.

Secondary antibody: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution.

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-Cytochrome b-c1 complex subunit 9/UQCR10
antibody [EPR8178] (ab181154)

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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