

DATASHEET

UQCRB Rabbit Polyclonal Antibody

CAT. NO. APA14127

KEY FEATURES

Target	UQCRB	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Component of the ubiquinol-cytochrome c oxidoreductase, a multisubunit transmembrane complex that is part of the mitochondrial electron transport chain which drives oxidative phosphorylation. The respiratory chain contains 3 multisubunit complexes succinate dehydrogenase (complex II, CII), ubiquinol-cytochrome c oxidoreductase (cytochrome b-c1 complex, complex III, CIII) and cytochrome c oxidase (complex IV, CIV), that cooperate to transfer electrons derived from NADH and succinate to molecular oxygen, creating an electrochemical gradient over the inner membrane that drives transmembrane transport and the ATP synthase.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

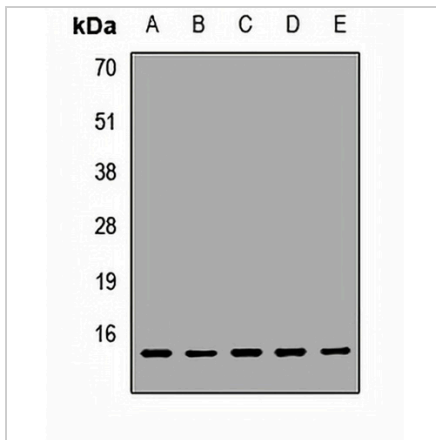
Description	Rabbit polyclonal antibody to UQCRB
Specificity	Recognizes endogenous levels of UQCRB protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human UQCRB
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 13; Observed: 14 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	UQBP; Cytochrome b-c1 complex subunit 7; Complex III subunit 7; Complex III subunit VII; QP-C; Ubiquinol-cytochrome c reductase complex 14 kDa protein
Gene Symbol	UQCRB
Entrez Gene	7381(Human)
SwissProt	P14927(Human); Q9D855(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of UQCRB expression in MCF7 (A), HeLa (B), mouse brain (C), mouse kidney (D), rat liver (E) whole cell lysates. (Predicted band size: 13; 16 kD; Observed band size: 14 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.