

DATASHEET

COQ5 Rabbit Polyclonal Antibody

CAT. NO. APA19068

KEY FEATURES

Target	COQ5	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC	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

Methyltransferase required for the conversion of 2-decaprenyl-6-methoxy-1,4-benzoquinol (DDMQH2) to 2-decaprenyl-3-methyl-6-methoxy-1,4-benzoquinol (DMQH2).

APPLICATION

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

WB	1:500 - 1:1000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

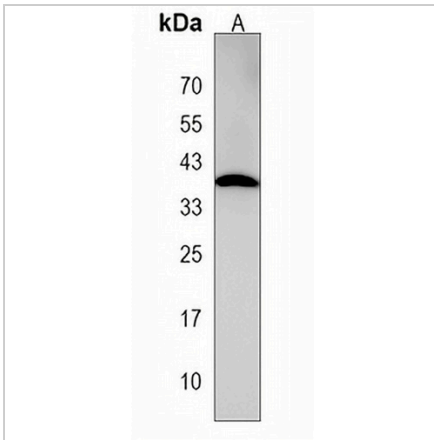
Description	Rabbit polyclonal antibody to COQ5
Specificity	Recognizes endogenous levels of COQ5 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human COQ5. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 37 kD; Observed: 34 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	2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial; Ubiquinone biosynthesis methyltransferase COQ5
Gene Symbol	COQ5
Entrez Gene	84274(Human); 52064(Mouse)
SwissProt	Q5HYK3(Human); Q9CXI0(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.

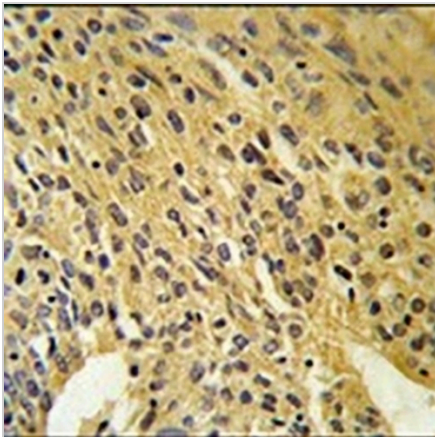
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of COQ5 expression in mouse heart (A) whole cell lysates.
(Predicted band size: 37 kD; Observed band size: 34 kD)



Immunohistochemical analysis of COQ5 staining in human lung carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.