

DATASHEET

COQ9 Rabbit Polyclonal Antibody

CAT. NO. APA15356

KEY FEATURES

Target	COQ9	Source / Host	Rabbit
Reactivity	Human, Mouse	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

Membrane-associated protein that warps the membrane surface to access and bind aromatic isoprenes with high specificity, including ubiquinone (CoQ) isoprene intermediates and presents them directly to COQ7, therefore facilitating the COQ7-mediated hydroxylase step isoprene intermediates and presents them directly to COQ7, therefore facilitating the COQ7-mediated hydroxylase step . Participates in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration .

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

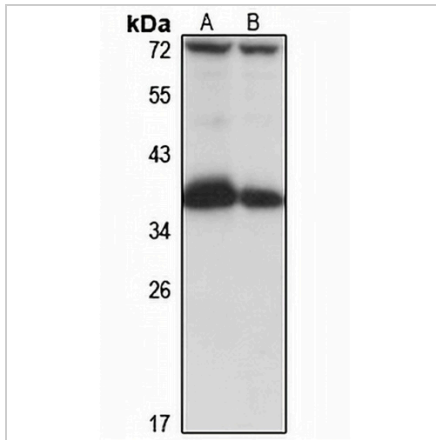
Description	Rabbit polyclonal antibody to COQ9
Specificity	Recognizes endogenous levels of COQ9 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human COQ9. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 14; Observed: 36 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	C16orf49; Ubiquinone biosynthesis protein COQ9 mitochondrial
Gene Symbol	COQ9
Entrez Gene	57017(Human); 67914(Mouse)
SwissProt	O75208(Human); Q8K1Z0(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 COQ9 expression in A431 (A), HeLa (B) whole cell lysates. (Predicted band size: 14; 35 kD; Observed band size: 36 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.