

Datasheet for ABIN651084  
**anti-COQ9 antibody (AA 156-184)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	400 µL
Target:	COQ9
Binding Specificity:	AA 156-184
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COQ9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This COQ9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-184 amino acids from the Central region of human COQ9.
Clone:	RB25014
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	COQ9
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## Target Details

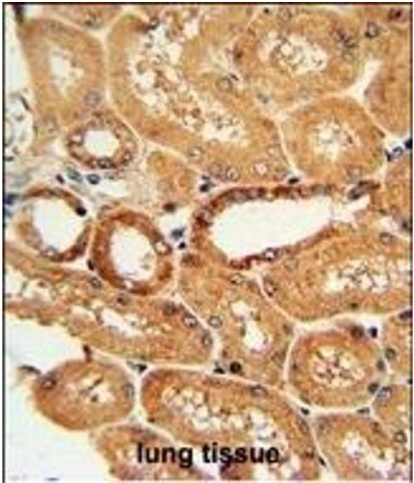
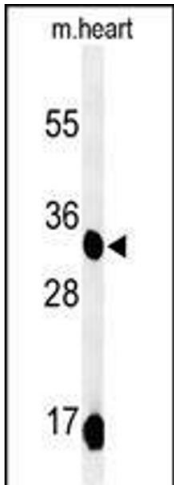
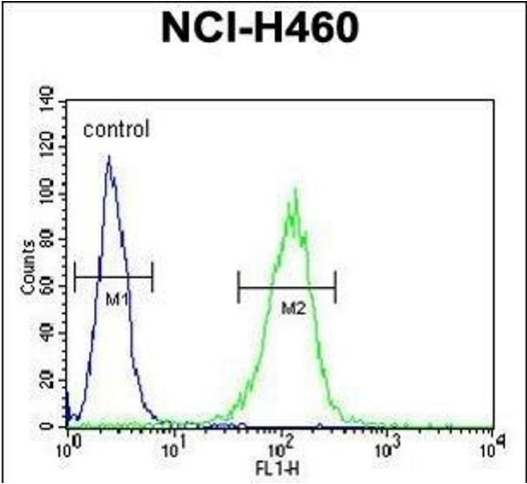
Alternative Name:	COQ9 ( <a href="#">COQ9 Products</a> )
Background:	Coenzyme Q10 (CoQ10), or ubiquinone, is a mobile lipophilic electron carrier critical for electron transfer by the mitochondrial inner membrane respiratory chain. COQ9 is 1 of several enzymes involved in biosynthesis of CoQ10 and likely functions in modification of the benzoquinone ring.
Molecular Weight:	35509
Gene ID:	57017
NCBI Accession:	<a href="#">NP_064708</a>
UniProt:	<a href="#">O75208</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** COQ9 Antibody (Center) (ABIN651084 and ABIN2840064) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of COQ9 Antibody (Center) (ABIN651084 and ABIN2840064) in mouse heart tissue lysates (35 µg/lane). COQ9 (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** COQ9 Antibody (Center) (ABIN651084 and ABIN2840064) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the COQ9 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.