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## Datasheet for ABIN4907317 **anti-COQ8A antibody**

### Overview

Quantity:	100 µL
Target:	COQ8A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COQ8A antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This CABC1 monoclonal antibody is generated from mouse immunized with CABC1 recombinant protein.
Clone:	6C1
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

### Target Details

Target:	COQ8A
Alternative Name:	CABC1 ( <a href="#">COQ8A Products</a> )
Background:	Synonyms: COQ8, ADCK3, ARCA2, CABC1, SCAR9, COQ10D4, Atypical kinase ADCK3,

## Target Details

mitochondrial, Chaperone activity of bc1 complex-like, Chaperone-ABC1-like, aarF domain-containing protein kinase 3, PP265

Background: Atypical kinase involved in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration (PubMed:25498144). Its substrate specificity is unclear: either acts as protein kinase that phosphorylates other proteins in the CoQ complex to stabilize their interactions or acts as a small molecule kinase that phosphorylates a prenyl lipid in the ubiquinone biosynthesis pathway (PubMed:25498144). Shows an unusual selectivity for binding ADP over ATP (PubMed:25498144).

Gene ID: 56997

UniProt: [Q8NI60](#)

## Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months