



# Rabbit Anti-Arabidopsis thaliana COB Polyclonal Antibody (CABT-Z939R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of COB derived from Arabidopsis thaliana ATMG00220.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	Expected M.W.: 44 kDa; Apparent M.W.: 43 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Cellular Localization</b>	Mitochondria
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution.

Ship

Wet ice

---

## BACKGROUND

### Introduction

Mitochondrial ubiquinol-cytochrome c oxidoreductase is also called complex III and it accepts electron from quinol and transferred to cytochrome c. In Arabidopsis mitochondria, ubiquinol-cytochrome c oxidoreductase contains 10 subunits. COB (ATMG00220) is one of the subunit of Complex III.

---

### Keywords

COB ;APOCYTOCHROME B

---

## GENE INFORMATION

### Gene Name

MT-CYB

---

### Entrez Gene ID

[815400](#)

---

### UniProt ID

[P42792](#)

---