



Rabbit Anti-Arabidopsis thaliana COX 5B Polyclonal Antibody (CABT-Z941R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of COX 5B derived from Arabidopsis thaliana AT3G15640, AT1G80230.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	19 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Cellular Localization	Mitochondria
Format	Lyophilized
Size	150 µg
Preservative	None
Storage	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
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BACKGROUND

Introduction	Cytochrome c oxidase is the last enzyme in the respiratory electron transport chain of mitochondria and it is also called Complex IV. Cytochrome c oxidase receives an electron from each of four cytochrome c molecules, and transfers them to one oxygen molecule, converting molecular oxygen to two molecules of water. In higher plants mitochondria, Complex IV processes 14 subunits. COX Vb (AT3G15640/AT1G80230) is one subunit of the Complex IV.
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Keywords	COX Vb;COX5B-1;COX5B
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GENE INFORMATION

Gene Name	COX5B-1/2
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Entrez Gene ID	820806 ; 844363
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UniProt ID	Q9LW15 ; Q9SSB8
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