



Rabbit Anti-Arabidopsis thaliana Complex V-2 Polyclonal Antibody (CABT-Z790R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of Complex V-2 derived from Arabidopsis thaliana AT5G08670, AT5G08680, AT5G08690.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	60 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	Mitochondrial F ₀ F ₁ -ATP synthase is also called Complex V and it synthesizes ATP from ADP and P _i using the proton motive force created by respiratory electron transport. ATP2 (AT5G08670/AT5G08680/AT5G08690) is a subunit of mitochondrial F ₀ F ₁ -ATP synthase in Arabidopsis.
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Keywords	ATP2;AtpB;ATP synthase F1 sector subunit beta;F-ATPase subunit beta;ATP synthase subunit beta;Complex V-2
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GENE INFORMATION

Gene Name	At5g08680; At5g08670; At5g08690
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Entrez Gene ID	830769 ; 830768 ; 830770
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UniProt ID	Q9C5A9 ; P83483 ; P83484
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