



Rabbit Anti-Arabidopsis thaliana Complex V-B Polyclonal Antibody (CABT-Z798R)

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

PRODUCT INFORMATION

Immunogen	Recombinant full length chloroplast ATP synthase subunit beta of Arabidopsis thaliana ATCG00480.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana, Synechocystis sp. PCC 6803
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:5000
Molecular Weight	Expected M.W.: 54 kDa; Apparent M.W.: 58 kDa (Arabidopsis thaliana), 55 kDa (Synechocystis sp. PCC 6803)
Reconstitution	Reconstitution with 150 µl of sterile water.
Cellular Localization	Chloroplast
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	ATPase beta subunit is a subunit of ATP synthase which catalyzes the conversion of ADP to ATP using the proton motive force. This complex is located in the thylakoid membrane of the chloroplast.
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Keywords	AtpB;ATP synthase F1 sector subunit beta;F-ATPase subunit beta;Complex V-B
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GENE INFORMATION

Gene Name	atpB
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Entrez Gene ID	844757
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UniProt ID	P19366
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