



# Rabbit Anti-Arabidopsis thaliana Complex V-A Polyclonal Antibody (CABT-Z797R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant full length ATP synthase alpha subunit of Arabidopsis thaliana ATCG00120.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana, Synechocystis sp. PCC 6803
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:5000
<b>Molecular Weight</b>	Expected M.W.: 55 kDa; Apparent M.W.: 59 kDa(Arabidopsis thaliana), 55 kDa(Synechocystis sp. PCC 6803)
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Cellular Localization</b>	Chloroplast
<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.

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Ship	Wet ice
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## BACKGROUND

Introduction	ATPase alpha subunit, which is a subunit of ATP synthase and part of the CF1 portion 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	AtpA;ATP synthase F1 sector subunit alpha;F-ATPase subunit alpha;Complex V-A
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## GENE INFORMATION

Gene Name	atpA
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Entrez Gene ID	<a href="#">844790</a>
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UniProt ID	<a href="#">P56757</a>
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