



# Rabbit Anti-Arabidopsis thaliana Complex V-F Polyclonal Antibody (CABT-Z802R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant, full length ATP synthase subunit b, chloroplastic Protein of Arabidopsis thaliana ATCG00130.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	Expected M.W.: 21 kDa; Apparent M.W.: 15 kDa
<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	Chloroplast ATP synthase consists of two structural domains, CF0 and CF1. CF1 contains the extramembraneous catalytic core and CF0 contains the membrane proton channel. Two domains are linked together by a central stalk and a peripheral stalk. ATP synthase subunit b is a subunit of the peripheral stalk.
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Keywords	AtpF;ATP synthase F(0) sector subunit b;CF0I;Complex V-F
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## GENE INFORMATION

Gene Name	atpF
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Entrez Gene ID	<a href="#">844789</a>
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UniProt ID	<a href="#">P56759</a>
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