



# Rabbit Anti-Arabidopsis thaliana CPN60B Polyclonal Antibody (CABT-Z954R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of CPN60B1/2 derived from Arabidopsis thaliana AT1G55490, AT3G13470.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	Expected M.W.: 64 kDa; Apparent M.W.: 58 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	Type I chaperonins are large, double ring complexes involved in mediating the folding of unfolded proteins. In chloroplasts, chaperonin complex is designated Cpn60 complex. In Arabidopsis, two Cpn60 $\alpha$ subunits and four Cpn60 $\beta$ subunits are present. Cpn60 $\beta$ 1 (AT1G55490) and Cpn60 $\beta$ 2 (AT3G13470) is the main Cpn60 $\beta$ subunit in chloroplasts. This antibody recognizes both proteins.
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Keywords	CPN60B1/2
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## GENE INFORMATION

Gene Name	CPN60B1/2
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Entrez Gene ID	<a href="#">841996</a> ; <a href="#">820549</a>
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UniProt ID	<a href="#">P21240</a> ; <a href="#">Q9LJE4</a>
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