



Rabbit Anti-Arabidopsis thaliana CLPC2 Polyclonal Antibody (CABT-Z924R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CLPC2 protein derived from Arabidopsis thaliana AT3G48870.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 106 kDa; Apparent M.W.: 101 kDa
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	ClpC is a molecular chaperone of the Hsp100 family. There are two chloroplast-localized paralogs: ClpC1 (AT5G50920), ClpC2 (AT3G48870). ClpC2 may act as a suppressor of FtsH-mediated thylakoid membrane biogenesis and may enhance photoinhibition.
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Keywords	CLPC2;ATCLPC;ATHSP93-III;HSP93-III
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GENE INFORMATION

Gene Name	CLPC2
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Entrez Gene ID	824048
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UniProt ID	Q9SXJ7
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