



Rabbit Anti-Arabidopsis thaliana CPN60A2 Polyclonal Antibody (CABT-Z953R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CPN60A2 derived from Arabidopsis thaliana AT5G18820.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 61 kDa; Apparent M.W.: 55 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.

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 α subunits and four Cpn60 β subunits are present. Cpn60 α 2 (AT5G18820) is one of putative Cpn60 α subunit with low expression level in chloroplasts and is essential for embryo development.

Keywords

CPN60A2;CHAPERONIN-60ALPHA2;CPN60ALPHA2;EMB3007;EMBRYO DEFECTIVE 3007

GENE INFORMATION

Gene Name

CPN60A2

Entrez Gene ID

[832000](#)

UniProt ID

[Q56XV8](#)
