



Rabbit Anti-Arabidopsis thaliana CPN60A1 Polyclonal Antibody (CABT-Z952R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CPN60A1 derived from Arabidopsis thaliana AT2G28000.
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.: 62 kDa; Apparent M.W.: 56 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 1 (AT2G28000) is the main subunit of the Cpn60 complex in chloroplasts.

Keywords

CPN60A1;CH-CPN60A;CHAPERONIN-60ALPHA;CHAPERONIN-60ALPHA1;CHLOROPLAST CHAPERONIN 60ALPHA;CPN60A;CPN60ALPHA1;SCHLEPPERLESS;SLP.

GENE INFORMATION

Gene Name

CPN60A1

Entrez Gene ID

[817344](#)

UniProt ID

[P21238](#)
