



Rabbit Anti-Arabidopsis thaliana AGY1 Polyclonal Antibody (CABT-Z587R)

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

PRODUCT INFORMATION

Immunogen	Recombinant protein of AGY1 derived from Arabidopsis thaliana AT4G01800.
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.: 117 kDa; Apparent M.W.: 111 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

AGY1 is the ATPase subunit of the chloroplast Sec translocation machinery which plays an essential role in chloroplast biogenesis and the regulation of photosynthesis, the absence of which triggers a retrograde signal, eventually leading to a reprogramming of chloroplast and mitochondrial gene expression.

Keywords

AGY1;ALBINO OR GLASSY YELLOW 1;ARABIDOPSIS THALIANA CHLOROPLAST
SECA;ATCPSECA;SECA1

GENE INFORMATION

Gene Name

SECA1

Entrez Gene ID

[827922](#)

UniProt ID

[Q9SYI0](#)
