



Rabbit Anti-Arabidopsis thaliana cpSRP43 Polyclonal Antibody (CABT-Z965R)

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

PRODUCT INFORMATION

Immunogen	Recombinant protein of cpSRP43 derived from Arabidopsis thaliana AT2G47450.
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.: 41 kDa; Apparent M.W.: 38 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	SRP43 is a component of the chloroplast signal recognition particle pathway that is involved in LHCP targeting. It is downregulated in response to high light. It recognizes the DPLG motif in Lhcb1.
Keywords	cpSRP43;SRP43;CAO;CHAOS;CHLOROPLAST SIGNAL RECOGNITION PARTICLE 43;CPSRP43.

GENE INFORMATION

Gene Name	CAO
Entrez Gene ID	819358
UniProt ID	O22265