



Rabbit Anti-Arabidopsis thaliana CHS1 Polyclonal Antibody (CABT-Z915R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CHS1 derived from Arabidopsis thaliana AT1G17610.
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.: 48 kDa; Apparent M.W.: 50 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
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

BACKGROUND

Introduction	CHS1 is TN-type protein that controls temperature-dependent growth and defense responses. CHS1 confers resistance to low temperatures by limiting chloroplast damage and cell death, thus maintaining growth homeostasis.
Keywords	CHS1;CHILLING SENSITIVE 1.

GENE INFORMATION

Gene Name	CHS1
Entrez Gene ID	838337
UniProt ID	F4I902