



Rabbit Anti-Arabidopsis thaliana HHL1 Polyclonal Antibody (CABT-Z1095R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of HHL1 derived from Arabidopsis thaliana AT1G67700.
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.: 26 kDa; Apparent M.W.: 24 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 HHL1 is a chloroplast protein and participates in photodamage repair of PSII under high light. Mutants without HHL1 mutants show hypersensitivity to high light and drastically decreased PSII photosynthetic activity. HHL1 associates with the PSII core monomer complex through direct interaction with PSII core proteins CP43 and CP47, and also interacts with LQY1, which functions in the repair and reassembly of PSII.

Keywords HHL1;HYPERSENSITIVE TO HIGH LIGHT 1

GENE INFORMATION

Gene Name HHL1

Entrez Gene ID [843095](#)

UniProt ID [Q8LDL0](#)