



Rabbit Anti-Arabidopsis thaliana ELIP2 Polyclonal Antibody (CABT-Z1011R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of Arabidopsis Elip2 derived from Arabidopsis thaliana AT4G14690.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 20 kDa; Apparent M.W.: 16 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.

Ship	Wet ice
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BACKGROUND

Introduction ELIPs are thought not to be directly involved in the synthesis and assembly of specific photosynthetic complexes, but rather affect the biogenesis of all chlorophyll-binding complexes. A study (PMID 17553115) has shown that the chlorophyll synthesis pathway was downregulated as a result of constitutive ELIP2 expression, leading to decreased chlorophyll availability for the assembly of pigment-binding proteins for photosynthesis.

Keywords	ELIP2;Arabidopsis Elip2;EARLY LIGHT-INDUCIBLE PROTEIN 2
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GENE INFORMATION

Gene Name	ELIP2
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Entrez Gene ID	827119
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UniProt ID	Q94K66
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