



Rabbit Anti-Arabidopsis thaliana ELIP1 Polyclonal Antibody (CABT-Z1010R)

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

PRODUCT INFORMATION

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| Immunogen | KLH-conjugated synthetic peptide of Arabidopsis Elip1 derived from Arabidopsis thaliana AT3G22840. |
| 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.: 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.

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| Ship | Wet ice |
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BACKGROUND

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| Introduction | Arabidopsis Elip1 prevents excess accumulation of free chlorophyll by inhibiting the entire chlorophyll biosynthesis pathway (e.g. 5-aminolevulinate synthesis and Mg-protoporphyrin IX chelatase activity), and hence prevent photooxidative stress. It is Probably involved in the integration of pigments into the mature light-harvesting pigment-protein complexes. |
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| Keywords | ELIP1;Arabidopsis Elip1;EARLY LIGHT-INDUCABLE PROTEIN;ELIP |
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GENE INFORMATION

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| Gene Name | ELIP1 |
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| Entrez Gene ID | 821855 |
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| UniProt ID | P93735 |
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