



Rabbit Anti-Arabidopsis thaliana HEMC Polyclonal Antibody (CABT-Z1093R)

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

PRODUCT INFORMATION

Immunogen	Recombinant protein of HEMC (202-370aa) derived from Arabidopsis thaliana AT5G08280.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 41 kDa; Apparent M.W.: 35 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

HEMC is a protein with porphobilinogen deaminase activity. This protein is targeted to the chloroplast. The enzyme porphobilinogen deaminase catalyses a key early step of the haem- and chlorophyll-biosynthesis pathways in which four molecules of the monopyrrole porphobilinogen are condensed to form a linear tetrapyrrole.

Keywords

HEMC;HYDROXYMETHYLBILANE SYNTHASE;RUG1;RUGOSA 1

GENE INFORMATION

Gene Name

HEMC

Entrez Gene ID

[830724](#)

UniProt ID

[Q43316](#)
