



Rabbit Anti-Arabidopsis thaliana HDS Polyclonal Antibody (CABT-Z1091R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of HDS derived from Arabidopsis thaliana AT5G60600.
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.: 82 kDa; Apparent M.W.: 72 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

HDS is a chloroplast-localized hydroxy-2-methyl-2-(E)-butenyl 4-diphosphate (HMBPP) synthase (HDS), it catalyzes the formation of HMBPP from 2-C-methyl-D-erythritol 2,4-cyclodiphosphate (MEcPP).

Keywords

HDS;GCPE;4-HYDROXY-3-METHYLBUT-2-ENYL DIPHOSPHATE
SYNTHASE;CHLOROPLAST BIOGENESIS 4;CLB4;CONSTITUTIVE SUBTILISIN
3;CSB3;ISPG.

GENE INFORMATION

Gene Name

HDS

Entrez Gene ID

[836181](#)

UniProt ID

[B3H725](#)
