



Rabbit Anti-Arabidopsis thaliana CHS Polyclonal Antibody (CABT-Z914R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide derived from C-terminal section of CHS protein in Arabidopsis thaliana AT5G13930.
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.: 43 kDa; Apparent M.W.: 42 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.

BACKGROUND

Introduction Chalcone synthase (CHS) is a key enzyme involved in the biosynthesis of flavonoids. It is required for the accumulation of purple anthocyanins in leaves and stems. It is also involved in the regulation of auxin transport and the modulation of root gravitropism.

Keywords CHS;ATCHS;CHALCONE SYNTHASE;TRANSPARENT TESTA 4;TT4

GENE INFORMATION

Gene Name CHS

Entrez Gene ID [831241](#)

UniProt ID [P13114](#)