



Rabbit Anti-Arabidopsis thaliana AKHSDH2 Polyclonal Antibody (CABT-Z591R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of AKHSDH2 derived from Arabidopsis thaliana AT4G19710.
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.: 94 kDa; Apparent M.W.: 92 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

Asp kinases (AKs) and dual-functional Asp kinase-homo Ser dehydrogenases (AK-HSDHs) is required for activation of Asp to Asp-4-P during the first step of the biosynthetic pathway for Asp-derived amino acids. Arabidopsis thaliana contains three AK protein (AK1, AT5G13280; AK2, AT5G14060; and AK3, AT3G02020) and two AK-HSDH proteins (AK-HSDH1, AT1G31230 and AK-HSDH2, AT4G19710).

Keywords

AKHSDH2;AKHSDH;AKHSDH II;ASPARTATE KINASE-HOMOSERINE DEHYDROGENASE;ASPARTATE KINASE-HOMOSERINE DEHYDROGENASE II

GENE INFORMATION

Gene Name

AKHSDH2

Entrez Gene ID

[827715](#)

UniProt ID

[O81852](#)
