



Rabbit Anti-Arabidopsis thaliana CAS (aa1-185) Polyclonal Antibody (CABT-Z847R)

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

PRODUCT INFORMATION

Immunogen	Recombinant protein of CAS (aa1-185) derived from Arabidopsis thaliana AT5G23060.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:30000
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

CAS is a chloroplast-localized protein that modulates cytoplasmic Ca^{2+} dilution and is crucial for proper stomatal regulation in response to elevations of external Ca^{2+} .

Keywords

CAS;CALCIUM SENSING RECEPTOR

GENE INFORMATION

Gene Name

CAS

Entrez Gene ID

[832370](#)

UniProt ID

[Q9FN48](#)
