



Rabbit Anti-Arabidopsis thaliana CAL1/2 Polyclonal Antibody (CABT-Z845R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of GAMMA CAL derived from Arabidopsis thaliana AT5G63510(CAL1), AT3G48680(CAL2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	28 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Cellular Localization	Mitochondria
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.

Ship	Wet ice
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BACKGROUND

Introduction	Complex I is the largest protein complex of the oxidative phosphorylation system in mitochondrial and it catalyzes NADH-quinone oxidoreduction. Complex I represents the main entrance site for electrons into the respiratory electron transfer chain. In Arabidopsis, Complex I have at least 49 subunits and CAL1 (AT5G63510) is one of the subunit. CAL2 (AT3G48680) is also a subunit of Complex I.
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Keywords	CAL1/2; GAMMA CAL1; GAMMA CARBONIC ANHYDRASE LIKE 1; CAL2; GAMMA CARBONIC ANHYDRASE LIKE 2
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GENE INFORMATION

Gene Name	GAMMACAL1/2
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Entrez Gene ID	836470 ; 824029
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UniProt ID	Q9FMV1 ; Q9SMN1
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