



# Rabbit Anti-Arabidopsis thaliana CA2 Polyclonal Antibody (CABT-Z837R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of CA2 derived from Arabidopsis thaliana AT5G14740.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:5000
<b>Molecular Weight</b>	Expected M.W.: 37 kDa; Apparent M.W.: 28 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Cellular Localization</b>	Chloroplast
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None
<b>Storage</b>	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

Beta carbonic anhydrase 2 is involved in reversible hydration of carbon dioxide, and ensures the supply of bicarbonate for pep carboxylase. In Arabidopsis three CA proteins are present, termed CA1 (AT3G01500), CA2 and CA3 (AT1G23730).

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### Keywords

CA2;BETA CA2;BETA CARBONIC ANHYDRASE 2;CA18;CARBONIC ANHYDRASE 18;CARBONIC ANHYDRASE 2

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## GENE INFORMATION

### Gene Name

BCA2

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### Entrez Gene ID

[831326](#)

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### UniProt ID

[P42737](#)

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