



# Rabbit Anti-Arabidopsis thaliana CAX2 Polyclonal Antibody (CABT-Z852R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of CAX2 protein derived from Arabidopsis thaliana AT3G13320.
<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: 1:1000-1:2000
<b>Molecular Weight</b>	48 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<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.

## BACKGROUND

**Introduction**

Ca<sup>2+</sup> levels in plants, fungi, and bacteria are controlled in part by H<sup>+</sup>/Ca<sup>2+</sup> exchangers. The Arabidopsis H<sup>+</sup>/cation exchangers, CAX1 (AT2G38170) and CAX2, were identified by their ability to suppress yeast mutants defective in vacuolar Ca<sup>2+</sup> transport.

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**Keywords**

CAX2;ATCAX2;CATION EXCHANGER 2

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## GENE INFORMATION

**Gene Name**

CAX2

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**Entrez Gene ID**

[820532](#)

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**UniProt ID**

[Q39254](#)

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