



# Rabbit Anti-Arabidopsis thaliana CRT3 Polyclonal Antibody (CABT-Z970R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of CRT3 protein derived from Arabidopsis thaliana AT1G08450.
<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>	50 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**

Calreticulin (CRT) is an endoplasmic reticulum (ER)-localized chaperone-like lectin that plays a crucial role in promoting the folding and maturation of newly synthesized glycoproteins and retaining incompletely/mis-folded proteins in the ER through its specific binding to monoglucosylated asparagine-linked glycans. And the CRTs are including CRT1 (AT1G56340), CRT2 (AT1G09210), CRT3 (AT1G08450).

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**Keywords**

CRT3;CALRETICULIN 3;EBS2;EMS-MUTAGENIZED BRI1 SUPPRESSOR 2;PRIORITY IN SWEET LIFE 1;PSL1

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## GENE INFORMATION

**Gene Name**

CRT3

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**Entrez Gene ID**

[837365](#)

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**UniProt ID**

[O04153](#)

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