



# Rabbit Anti-Arabidopsis thaliana PT-2.3 Polyclonal Antibody (CABT-Z776R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of PT-2.3 protein derived from Arabidopsis thaliana AT2G15010.
<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>	14 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

Thionins are small plant proteins which are toxic to animal cells. This family with the following members: Probable thionin-2.4 (AT1G66100), Thionin-2.2 (AT5G36910), Thionin-2.1 (AT1G72260), Probable thionin-2.3 (AT2G15010), Thionin-like protein 2 (AT1G12663), Thionin-like protein 1 (AT1G12660). They seem to exert their toxic effect at the level of the cell membrane.

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### Keywords

AT2G15010;Probable thionin-2.3;Acidic protein

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## GENE INFORMATION

### Gene Name

At2g15010

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### Entrez Gene ID

[815990](#)

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### UniProt ID

[Q8VZK8](#)

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