



# Rabbit Anti-Arabidopsis thaliana GRF2 Polyclonal Antibody (CABT-Z560R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of 14-3-3 $\omega$ derived from Arabidopsis thaliana AT1G78300.
<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, Co-Immunoprecipitate Recommended dilution: WB: 1:1000-1:2000 Optimal dilutions/dilutions should be determined by the end user.
<b>Molecular Weight</b>	29 kDa
<b>Reconstitution</b>	Reconstitution with 150 $\mu$ l of sterile water.
<b>Format</b>	Lyophilized
<b>Size</b>	150 $\mu$ g
<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

The eukaryotic regulatory protein 14-3-3 is involved in many important plant cellular processes including regulation of nitrate assimilation through inhibition of phosphorylated nitrate reductase (pNR) in darkened leaves. 14-3-3 $\omega$  is associated with a DNA binding complex that binds to the G box, a well-characterized cis-acting DNA regulatory element found in plant genes.

### Keywords

14-3-3 $\omega$ ;14-3-3 PROTEIN G-BOX FACTOR14 OMEGA;14-3-3OMEGA;GENERAL REGULATORY FACTOR 2;GF14 OMEGA;GRF2.

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## GENE INFORMATION

### Gene Name

GRF2

### Entrez Gene ID

[844165](#)

### UniProt ID

[F4IZR4](#)

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