



# Rabbit Anti-Arabidopsis thaliana ClpR2 Polyclonal Antibody (CABT-Z930R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of ClpR2 derived from Arabidopsis thaliana AT1G12410.
<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>	Expected M.W.: 31 kDa; Apparent M.W.: 25 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.

## BACKGROUND

**Introduction**

Though ClpR2 is similar to ClpP proteins, this does not contains the highly conserved catalytic triad of Ser-type proteases (Ser-His-Asp). It is required for chloroplast development and differentiation.

**Keywords**

ClpR2;CLP PROTEASE PROTEOLYTIC SUBUNIT 2;CLP2;EMB3146;EMBRYO DEFECTIVE 3146;NCLPP2;NUCLEAR-ENCODED CLP PROTEASE P2.

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## GENE INFORMATION

**Gene Name**

CLPR2

**Entrez Gene ID**

[837797](#)

**UniProt ID**

[Q9XJ36](#)

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