



# Rabbit Anti-Arabidopsis thaliana ClpT2 Polyclonal Antibody (CABT-Z935R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of ClpT2 derived from Arabidopsis thaliana AT4G12060.
<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.: 27 kDa; Apparent M.W.: 20 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

ClpT is a crucial component of the chloroplast Clp protease in Arabidopsis. ClpT2 is shown to associate with the ClpP3-6 ring along with ClpT1 (AT4G25370), although most of both proteins exist as homodimers within the stroma.

---

### Keywords

ClpT2;ATP-dependent Clp protease ATP-binding subunit CLPT2, chloroplastic;CLPS2

---

## GENE INFORMATION

### Gene Name

CLPT2

---

### Entrez Gene ID

[826814](#)

---

### UniProt ID

[Q8GW78](#)

---