



# Rabbit Anti-Arabidopsis thaliana CLPS3 Polyclonal Antibody (CABT-Z934R)

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

## PRODUCT INFORMATION

|                           |   |
|---------------------------|---|
| <b>Immunogen</b>          | KLH-conjugated synthetic peptide of CLPS3 derived from Arabidopsis thaliana AT3G04680.  |
| <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<br>Recommended dilution:<br>WB: 1:1000-1:2000  |
| <b>Molecular Weight</b>   | Expected M.W.: 48 kDa; Apparent M.W.: 40 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. |
| <b>Ship</b>               | Wet ice   |

# BACKGROUND

|              |  |
|--------------|--|
| Introduction | CLPS3 is a nuclear protein that functions in mRNA processing. Over-expression of a CLPS3: TAP protein changes the relative levels of two alternatively processed FCA transcripts. It also causes abnormal phyllotaxy and flower development, early flowering under long and short days, and increased levels of CUC1 and WUS expression. |
| Keywords     | CLPS3;CLP-SIMILAR PROTEIN 3.   |

# GENE INFORMATION

|                |                        |
|----------------|------------------------|
| Gene Name      | CLPS3                  |
| Entrez Gene ID | <a href="#">819626</a> |
| UniProt ID     | <a href="#">Q9SR06</a> |