



# Rabbit anti-Arabidopsis thaliana ARAC3 (C-term) Polyclonal Antibody (CABT-Z132R)

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

## PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Immunogen</b>          | Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana ARAC3.                               |
| <b>Isotype</b>            | IgG  |
| <b>Source/Host</b>        | Rabbit   |
| <b>Species Reactivity</b> | Arabidopsis thaliana   |
| <b>Purification</b>       | Antigen affinity purification  |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | WB<br>Recommended dilution:<br>WB: 1:500-1:2,000 (detect endogenous protein*)  |
| <b>Molecular Weight</b>   | 22 kDa   |
| <b>Preparation</b>        | Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana ARAC3 (At4g35020). |
| <b>Format</b>             | Liquid   |
| <b>Concentration</b>      | Lot specific   |
| <b>Size</b>               | 100 µl   |
| <b>Buffer</b>             | Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN <sub>3</sub> .  |
| <b>Preservative</b>       | 0.01% NaN <sub>3</sub>   |

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| <b>Storage</b> | Store at -20°C. Stable for 6 months from date of receipt. |
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| <b>Ship</b> | Wet ice |
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## BACKGROUND

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| <b>Introduction</b> | Inactive GDP-bound Rho GTPases reside in the cytosol, are found in a complex with Rho GDP-dissociation inhibitors (Rho GDIs), and are released from the GDI protein in order to translocate to membranes upon activation. ROP6 is a GTPase that may be involved in cell polarity control during the actin-dependent tip growth of root hairs. |
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| <b>Keywords</b> | Rac-like GTP-binding protein ARAC3;GTPase protein ROP6;ARAC3;RAC1 |
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## GENE INFORMATION

|                  |       |
|------------------|-------|
| <b>Gene Name</b> | ARAC3 |
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| <b>Entrez Gene ID</b> | <a href="#">829654</a> |
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| <b>UniProt ID</b> | <a href="#">Q38912</a> |
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