

# Anti-MYB52 antibody

Catalog: PHY7741A

## Product Information

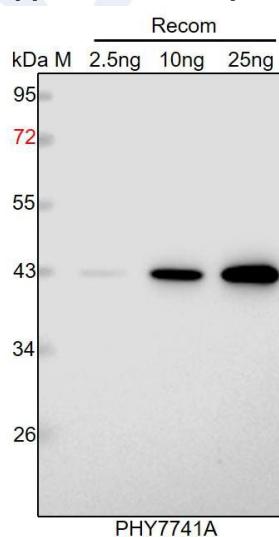
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|------------------------|---|
| <b>Description:</b>    | Rabbit polyclonal antibody  |
| <b>Background:</b>     | MYB52 is an R2R3-MYB transcription factor. It regulates secondary cell wall biosynthesis, influences pectin methylesterification in seed coat mucilage, and modulates responses to abscisic acid (ABA) and drought stress. The protein is localized to the nucleus. |
| <b>Synonyms:</b>       | MYB52, ATMYB52, BW52, MYB DOMAIN PROTEIN 52   |
| <b>Immunogen:</b>      | KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> MYB52 (AT1G17950).  |
| <b>Form:</b>           | Lyophilized   |
| <b>Quantity:</b>       | 150 µg  |
| <b>Purification:</b>   | Immunogen affinity purified   |
| <b>Reconstitution:</b> | Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol.<br>"Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".                      |
| <b>Stability &amp;</b> | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.   |
| <b>Storage:</b>        | 12 months from date of receipt, -20 to -70°C as supplied.<br>6 months, -20 to -70°C under sterile conditions after reconstitution.<br>1 month, 2 to 8°C under sterile conditions after reconstitution.  |
| <b>Shipping:</b>       | The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.   |

## Application Information

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|--------------------------------|--|
| <b>Recommended Dilution:</b>   | Western Blot (1:1000-1:2000)   |
|                                | Note: Optimal dilutions/concentrations should be determined by the end user.   |
| <b>Expected / apparent MW:</b> | 29 kDa   |
| <b>Predicted Reactivity:</b>   | For more species homologues information, please contact tech support at <a href="mailto:tech@phytoab.com">tech@phytoab.com</a> . |

Research Use Only

## Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 43 kDa.

**Electrophoresis:** 12% SDS-PAGE

**Transfer:** blotting to NC (nitrocellulose) membrane for 1 h.

**Blocking:** 5% skim milk at RT or 4°C for 1 h.

**Primary antibody:** 1:1000 dilution overnight at 4°C.

**Secondary antibody:** 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

**Detection:** using chemiluminescence substrate and image were captured with CCD camera.

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