# Anti-Auxin response factor 8, C-terminal antibody

**Catalog:** PHY3235A

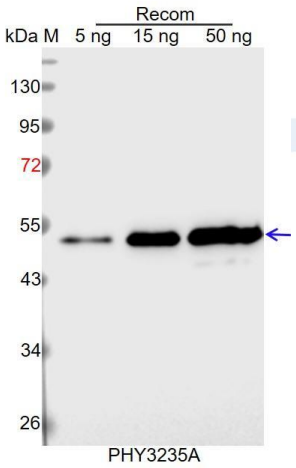
## Product Information

| | |
|---|---|
| **Description:** | Rabbit polyclonal antibody |
| **Background:** | ARF8 is a member of the auxin response factor family and mediates auxin response via expression of auxin regulated genes. Expression of ARF8 is controlled by miR167. |
| **Synonyms:** | ARF8, ATARF8, AUXIN RESPONSE FACTOR 8 |
| **Immunogen:** | KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from *Arabidopsis thaliana* ARF8 (AT5G37020). |
| **Form:** | Lyophilized |
| **Quantity:** | 150 µg |
| **Purification:** | Immunogen affinity purified |
| **Reconstitution:** | Reconstitution with 150 µl of 0.01 M sterile PBS.<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". |
| **Stability & Storage:** | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.<br>12 months from date of receipt, -20 to -70□ as supplied.<br>6 months, -20 to -70□ under sterile conditions after reconstitution.<br>1 month, 2 to 8□ under sterile conditions after reconstitution. |
| **Shipping:** | The product is shipped at 4□. Upon receipt, store it immediately at the temperature recommended above. |

## Application Information

| | |
|---|---|
| **Recommended Dilution:** | Western Blot (1:1000-1:2000)<br>Note: Optimal dilutions/concentrations should be determined by the end user. |
| **Expected / apparent MW:** | 90 kDa |
| **Predicted Reactivity:** | For more species homologues information, please contact tech support at tech@phytoab.com. |

## Application Example




Recom: 5 ng, 15 ng and 50 ng recombinant protein containing the peptide for immunization and having a molecular mass of 54 kDa.

**Electrophoresis:** 12% SDS-PAGE

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

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

**Primary antibody:** 1:1000 dilution overnight at 4℃.

**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.