# Anti-Transcription factor E2FC antibody

**Catalog:** PHY0826S

## Product Information

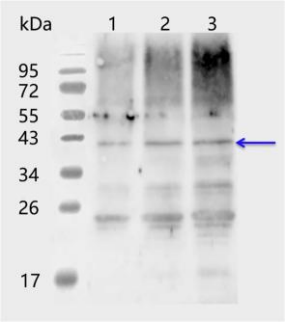
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| **Description:** | Rabbit polyclonal antibody |
| **Background:** | E2FC is a member of the E2F transcription factors, (cell cycle genes), it is the key components of the cyclin D/retinoblastoma/E2F pathway. AtE2Fc is regulated by a balance between gene expression and ubiquitin-proteasome proteolysis. AtE2Fc might play a role in cell division and during the transition from skotomorphogenesis to photomorphogenesis. |
| **Synonyms:** | E2FC, ARABIDOPSIS THALIANA HOMOLOG OF E2F C, ATE2F2, ATE2FC. |
| **Immunogen:** | KLH-conjugated synthetic peptide of E2FC derived from *Arabidopsis thaliana* AT1G47870. |
| **Form:** | Lyophilized |
| **Quantity:** | 150 µg |
| **Purification:** | Serum<br>Peptide affinity form antibody available upon request at info@phytoab.com. |
| **Reconstitution:** | Reconstitution with 150µl of sterile water.<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

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| **Applications:** | Western Blot (1:1000-1:2000)<br>Note: Optimal dilutions/concentrations should be determined by the end user. |
| **Expected Results:** | 44 / 39 kDa |
| **Confirmed Reactivity:** | *Arabidopsis thaliana* |

**Predicted Reactivity:** For more species homologues information, please contact tech support at tech@phytoab.com.

## Application Example




Lane 1: 25 µg total protein from *Arabidopsis thaliana* leaf.

Lane 2: 50 µg total protein from *Arabidopsis thaliana* leaf.

Lane 3: 102.6 µg total protein from *Arabidopsis thaliana* leaf.

**Electrophoresis:** 15% SDS-PAGE

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

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

**PHY0826S** **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.