

Anti-AUXIN RESPONSE FACTOR 5 antibody

Catalog: PHY1221S

Product Information

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| Description: | Rabbit polyclonal antibody |
| Background: | ARF5 is a transcription factor (IAA24) mediating embryo axis formation and vascular development. It is similar to AUXIN RESPONSIVE FACTOR 1 (ARF1) (AT1G59750) shown to bind to auxin responsive elements (AREs). |
| Synonyms: | ARF5, AUXIN RESPONSE FACTOR 5, IAA24, INDOLE-3-ACETIC ACID INDUCIBLE 24, MONOPTEROS, MP |
| Immunogen: | KLH-conjugated synthetic peptide of ARF5 derived from <i>Arabidopsis thaliana</i> AT1G19850. |
| Form: | Lyophilized |
| Quantity: | 150 µg |
| Purification: | Serum Peptide affinity form antibody available upon request at info@phytoab.com . |
| Reconstitution: | Reconstitution with 150µl of sterile water. "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. 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. |
| Shipping: | The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above. |

Application Information

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| Recommended Dilution: | Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected/apparent MW: | 100 kDa |
| Confirmed Reactivity: | Coming soon |
| Predicted Reactivity: | Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in |

Research Use Only

Brassica napus.

For more species homologues information, please contact tech support at tech@phytoab.com.