

# Anti-Auxin response factor 5 antibody

Catalog: PHY1220A

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	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).
<b>Synonyms:</b>	ARF5 / IAA24, AUXIN RESPONSE FACTOR 5, INDOLE-3-ACETIC ACID INDUCIBLE 24, MONOPTEROS, MP
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> ARF5 / IAA24 (AT1G19850).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<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>	100 kDa
<b>Confirmed Reactivity:</b>	Coming soon
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica</i>

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*rapa*, *Brassica napus*, and 80-99% homologues with the sequence in *Brassica rapa*.

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).