

# Anti-Ethylene-responsive transcription factor 1B, C-terminal antibody

Catalog: PHY2091A

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	ERF1 is a member of the ERF (ethylene response factor) subfamily B-3 of ERF/AP2 transcription factor family. It is an essential integrator of the jasmonate and ethylene signalling pathways coordinating a large number of genes involved in plant defences.
<b>Synonyms:</b>	ERF1, ATERF#092, ERF1B, ETHYLENE RESPONSE FACTOR 1
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> ERF1 (AT3G23240).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Immunogen affinity purified
<b>Reconstitution:</b>	Reconstitution with 150 µl of 0.01M sterile PBS. "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>	25 kDa
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> .

Research Use Only

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