

# Anti-Transcription factor PIF7 antibody

Catalog: PHY1690S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	PIF7 is a basic helix-loop-helix (bHLH) phytochrome interacting factor. It interacts specifically with the far-red light-absorbing Pfr form of phyB through a conserved domain called the active phyB binding motif. Upon light exposure, PIF7 rapidly migrates to intranuclear speckles, where it colocalizes with phyB.
<b>Synonyms:</b>	PIF7, PHYTOCHROME-INTERACTING FACTOR7
<b>Immunogen:</b>	Recombinant protein of PIF7 (53-162 aa) derived from <i>Arabidopsis thaliana</i> AT5G61270.
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum
<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 (1:1000-1:4000); Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	41 kDa
<b>Confirmed Reactivity:</b>	Coming soon
<b>Predicted Reactivity:</b>	For more species homologues information, please contact tech support at <a href="mailto:tech@phytoab.com">tech@phytoab.com</a> .

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