

# Anti-Heat stress transcription factor A-1a antibody

Catalog: PHY1000S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	HSF1, the native protein is a trimer, interacts with HSP70, also with TBP, DNA interaction is modulated by phosphorylation and is heat-shock inducible. HSF1 binds the HSP18.2 promoter upon activation.
<b>Synonyms:</b>	HSF1, ARABIDOPSIS THALIANA CLASS A HEAT SHOCK FACTOR 1A, ARABIDOPSIS THALIANA HEAT SHOCK FACTOR 1, ATHSF1, ATHSFA1A, CLASS A HEAT SHOCK FACTOR 1A, HEAT SHOCK FACTOR 1, HSFA1A.
<b>Immunogen:</b>	KLH-conjugated synthetic peptide of HSF1 derived from <i>Arabidopsis thaliana</i> AT4G17750.
<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.
<b>Reference:</b>	Yuichi Kodama, et al., Plant Cell Physiol. 2007, 48; 459-470.

## Application Information

<b>Applications:</b>	ChIP Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected Results:</b>	64 kDa

Research Use Only

**Confirmed Reactivity:**

*Arabidopsis thaliana*

**Predicted Reactivity:**

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