

# Anti-Histidine-containing phosphotransfer protein 1 antibody

Catalog: PHY1415S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	AHP1 is one of the six <i>Arabidopsis thaliana</i> histidine phosphotransfer proteins (AHPs). AHPs function as redundant positive regulators of cytokinin signaling. Members of the AHP gene family include: AT3G21510 (AHP1), AT3G29350 (AHP2), AT5G39340 (AHP3), AT3G16360 (AHP4), AT1G03430 (AHP5) and AT1G80100 (AHP6).
<b>Synonyms:</b>	AHP1, HISTIDINE-CONTAINING PHOSPHOTRANSMITTER 1
<b>Immunogen:</b>	KLH-conjugated synthetic peptide of AHP1 protein derived from <i>Arabidopsis thaliana</i> AT3G21510.
<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>	Ç.Ü Fen ve Mühendislik Bilimleri Dergisi Yıl:2012 Cilt:27-4.

## Application Information

<b>Applications:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected Results:</b>	18 kDa

Research Use Only

**Confirmed Reactivity:**

*Arabidopsis thaliana*

**Predicted Reactivity:**

Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Solanum lycopersicum*.

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