

# Anti-MADS-box protein SOC1 antibody

Catalog: PHY0875S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	SUPPRESSOR OF OVEREXPRESSION OF CO 1 (SOC1) acts in Arabidopsis as an integrative centre of these pathways, promoting the floral transition. AGAMOUS-LIKE 42 (AGL42, AT5G62165), AGAMOUSLIKE 71 (AGL71, AT5G51870 ) and AGAMOUS-LIKE 72 (AGL72, AT5G51860), which encode MADS-box transcription factors phylogenetically closely related to SOC1, are also involved in the floral transition.
<b>Synonyms:</b>	SOC1, AGAMOUS-LIKE 20, AGL20, ATSOC1, SUPPRESSOR OF OVEREXPRESSION OF CO 1
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (14 aa from Central section) derived from <i>Arabidopsis thaliana</i> SOC1 (AT2G45660).
<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.
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Research Use Only

**Expected / apparent MW:** 25 kDa

**Confirmed Reactivity:** Coming soon

**Predicted Reactivity:** Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*.

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