

Anti-SEPALLATA 3 antibody

Catalog: PHY0728A

Product Information

Description:	Rabbit polyclonal antibody
Background:	SEPALLATA (SEP) proteins are MADS-domain transcription factors that regulate a plethora of processes during flower development. A total of four <i>SEP</i> genes, termed <i>SEP1</i> (AT5G15800), <i>SEP2</i> (AT3G02310), <i>SEP3</i> (AT1G24260) and <i>SEP4</i> (AT2G03710), also known as <i>AGL2</i> , <i>AGL4</i> , <i>AGL9</i> and <i>AGL3</i> , respectively were found in <i>Arabidopsis thaliana</i> genome.
Synonyms:	SEP3, AGAMOUS-LIKE 9, AGL9, SEPALLATA3
Immunogen:	KLH-conjugated synthetic peptide (17 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> SEP3 (AT1G24260).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M 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".
Stability & Storage:	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.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	29 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

Research Use Only

for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, and 80-99% homologues with the sequence in *Vitis vinifera*, *Medicago truncatula*, *Gossypium raimondii*, *Glycine max*, *Populus trichocarpa*, *Cucumis sativus*, *Nicotiana tabacum*, *Solanum tuberosum*, *Solanum lycopersicum*.

For more species homologues information, please contact tech support at tech@phytoab.com.