

Anti-Agamous-like MADS-box protein AGL11 antibody

Catalog: PHY0726A

Product Information

Description:	Rabbit polyclonal antibody
Background:	In <i>Arabidopsis thaliana</i> , the three MADS box genes SEEDSTICK (STK) (AT4G09960), SHATTERPROOF1 (SHP1) (AT3G58780), and SHP2 (AT2G42830) redundantly regulate ovule development. STK is a MADS box transcription factor expressed in the carpel and ovules. It plays a maternal role in fertilization and seed development.
Synonyms:	STK, AGAMOUS-LIKE 11, AGL11, SEEDSTICK
Immunogen:	KLH-conjugated synthetic peptide (13 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> STK (AT4G09960).
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 for immunization is 80-99% homologues with the sequence in

Research Use Only

Brassica napus.

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