Anti-Protein CLP1 homolog antibody

Product Information

Description:	Rabbit polyclonal antibody
Background:	CLPS3 is a nuclear protein that functions in mRNA processing. Over-expression of a CLPS3: TAP protein changes the relative levels of two alternatively processed FCA transcripts. It also causes abnormal phyllotaxy and flower development, early flowering under long and short days, and increased levels of CUC1 and WUS expression.
Synonyms:	CLPS3, CLP-SIMILAR PROTEIN 3.
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from *Arabidopsis thaliana* CLPS3 (AT3G04680).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com.
Reconstitution:	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".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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:	48 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,* and 80-99% homologues with the sequence in *Vitis vinifera, Glycine max, Gossypium raimondii, Cucumis sativus, Solanum tuberosum, Nicotiana tabacum, Populus trichocarpa, Solanum lycopersicum.*

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

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