

Anti-30-kDa cleavage and polyadenylation specificity factor 30 antibody

Catalog: PHY0839A

Product Information

Description:	Rabbit polyclonal antibody
Background:	The CPSF proteins is the cleavage and polyadenylation specificity factor and is essential for the mRNA 3'-end processing. The Arabidopsis contains five CPSF proteins: CPSF160 (AT5G51660), CPSF100 (AT5G23880), CPSF73-I (AT1G61010), CPSF73-II (AT2G01730), and CPSF30 (AT1G30460).
Synonyms:	CPSF30, AtCPSF30, ARABIDOPSIS THALIANA CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR 30, CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR 30
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> CPSF30 (AT1G30460).
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 &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	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:	70 kDa

Research Use Only

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 *Glycine max*, *Cucumis sativus*, *Spinacia oleracea*, *Solanum tuberosum*, *Populus trichocarpa*, *Solanum lycopersicum*, *Medicago truncatula*, *Nicotiana tabacum*, *Vitis vinifera*, and 80-99% homologues with the sequence in *Gossypium raimondii*, *Brassica napus*, *Brassica rapa*, *Triticum aestivum*, *Hordeum vulgare*.

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