Anti-Cleavage and polyadenylation specificity factor subunit 2 antibody

Catalog: PHY0840A

Product Information

Description:	Rabbit polyclonal antibody
Background:	CPSF100 is responsible for the recognition of the AAUAAA motif during mRNA polyadenylation. The protein interacts with a portion of a nuclear poly(A) polymerase.
Synonyms:	CPSF100, ATCPSF100, CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR 100, EMB1265, EMBRYO DEFECTIVE 1265, ENHANCED SILENCING PHENOTYPE 5, ESP5
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from *Arabidopsis thaliana* CPSF100 (AT5G23880).
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℃ 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:	82 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 *Zea mays*, *Glycine max*, *Populus trichocarpa*, *Medicago truncatula*, *Nicotiana tabacum*, *Solanum lycopersicum*, *Solanum tuberosum*, *Sorghum bicolor*, *Spinacia oleracea*, *Oryza sativa*, *Triticum aestivum*, *Hordeum vulgare*, *Panicum virgatum*, *Setaria viridis*, *Physcomitrium patens*, *Vitis vinifera*.

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