Anti-YCF3, N-terminal antibody

Catalog: PHY3261A

Product Information

Description:	Rabbit polyclonal antibody
Background:	YCF3 is essential for the assembly of the photosystem I (PSI) complex. In *Chlamydomonas reinhardtii*, it seems to act as a PSI specific chaperone facilitating the assembly of the complex by interacting with PsaA and PsaD.
Synonyms:	YCF3
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from *Arabidopsis thaliana* YCF3 (ATCG00360).
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:	15 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 rapa*, *Solanum lycopersicum, Triticum aestivum, Cucumis sativus, Zea mays, Oryza sativa, Physcomitrium patens*, *Glycine max,*

Medicago truncatula, Nicotiana tabacum, Solanum tuberosum, Vitis vinifera, Gossypium raimondii, Populus trichocarpa, Spinacia oleracea, Brassica napus, *Hordeum vulgare*, and 80-99% homologues with the sequence in *Panicum virgatum*, *Chlamydomonas reinhardtii.*

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