

# Anti-Photosystem II reaction center PSB28 protein, C-terminal antibody

Catalog: PHY3490S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	Psb28 at a molecular mass of 13 kDa; Psb28 protein was localized in the membrane fraction and, whereas most of the protein was detected as an unassembled protein, a small portion was found in the PSII core complex lacking the CP43 antenna (RC47).
<b>Synonyms:</b>	Psb28, PHOTOSYSTEM II REACTION CENTER PSB28 PROTEIN
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> Psb28 (AT4G28660).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	Reconstitution with 150 µl 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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	22 kDa
<b>Predicted Reactivity:</b>	Among analyzed species, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica</i>

Research Use Only

*rapa*, *Brassica napus*, and 80-99% homologues with the sequence in *Vitis vinifera*, *Cucumis sativus*, *Gossypium raimondii*, *Oryza sativa*, *Glycine max*, *Zea mays*, *Spinacia oleracea*, *Triticum aestivum*, *Panicum virgatum*, *Hordeum vulgare*, *Medicago truncatula*, *Populus trichocarpa*, *Sorghum bicolor*, *Nicotiana tabacum*, *Setaria viridis*, *Solanum tuberosum*, *Solanum lycopersicum*, *Physcomitrium patens*, *Synechocystis* sp. PCC 6803.

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).