

Anti-PsaH antibody

Catalog: PHY0121A

Product Information

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| Description: | Rabbit polyclonal antibody |
| Background: | Photosystem I (PSI) is a multisubunit complex that catalyzes the final stage of the light reactions in chloroplasts. PsaH is a subunit of PSI. |
| Synonyms: | PsaH, PHOTOSYSTEM I SUBUNIT H, PSAH |
| Immunogen: | KLH-conjugated synthetic peptide (17 aa from Central section) derived from <i>Arabidopsis thaliana</i> of PsaH-1 (AT3G16140) and PsaH-2 (AT1G52230). |
| Form: | Lyophilized |
| Quantity: | 150 µg |
| Purification: | Immunogen affinity purified |
| Reconstitution: | Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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°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

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| Recommended Dilution: | Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected / apparent MW: | 15 kDa |
| Predicted Reactivity: | Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Nicotiana tabacum</i> , <i>Glycine max</i> , <i>Brassica rapa</i> , <i>Solanum tuberosum</i> , <i>Solanum lycopersicum</i> , <i>Brassica napus</i> , <i>Vitis vinifera</i> , <i>Populus trichocarpa</i> , <i>Cucumis sativus</i> , and 80-99% homologues with the sequence in |

Research Use Only

Medicago truncatula, *Sorghum bicolor*, *Gossypium raimondii*,
Panicum virgatum, *Setaria viridis*, *Oryza sativa*, *Zea mays*, *Spinacia
oleracea*.

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