

Anti-D1 subunit of Photosystem II, C-terminal antibody

Catalog: PHY6604S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Photosystem II (PSII) is a light-driven water:plastoquinone oxidoreductase that uses light energy to abstract electrons from H ₂ O, generating O ₂ and a proton gradient subsequently used for ATP formation. It consists of a core antenna complex that captures photons, and an electron transfer chain that converts photonic excitation into a charge separation.
Synonyms:	PsbA1, PSBA1, D1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Synechocystis sp.</i> PCC 6803 PsbA1 (slr1181).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	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".
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

Recommended Dilution:	Western Blot (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	40 kDa
Predicted Reactivity:	For homologues with other species especially algae, please contact

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