

Anti-RING-type domain-containing protein, C-terminal antibody

Catalog: PHY4625A

Product Information

Description:	Rabbit polyclonal antibody
Background:	The D1/D2 (PsbA/PsbD) reaction center heterodimer binds P680, the primary electron donor of PSII as well as several subsequent electron acceptors. D2 is needed for assembly of a stable PSII complex.
Synonyms:	OsHEI10, HEI10, HEI10A, HEI10B, OsRING434, RING434
Immunogen:	KLH-conjugated synthetic peptide (17 aa from C terminal section) derived from <i>Oryza sativa</i> of OsHEI10 (Os02g0232100).
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 (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected/apparent MW:	44 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Solanum lycopersicum</i> , <i>Nicotiana tabacum</i> , <i>Glycine max</i> , <i>Triticum</i>

Research Use Only

aestivum, *Hordeum vulgare*, *Zea mays*, *Populus trichocarpa*, *Vitis vinifera*, *Panicum virgatum*, *Sorghum bicolor*.

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