

Anti-OsPetC antibody

Catalog: PHY4657A

Product Information

Description:	Rabbit polyclonal antibody
Background:	OsPetC is a component of the cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and state transitions.
Synonyms:	OsPetC, PETC, PetC, OsPETC
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Orvza sativa</i> OsPetC (Os07g0556200).
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

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	24 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Panicum virgatum</i> , <i>Setaria viridis</i> , <i>Zea mays</i> , <i>Sorghum bicolor</i> , <i>Triticum aestivum</i> , <i>Hordeum vulgare</i> , <i>Arabidopsis thaliana</i> , <i>Brassica</i>

Research Use Only

rapa, Brassica napus, Vitis vinifera, Glycine max, Medicago truncatula, Gossypium raimondii, Cucumis sativus, Spinacia oleracea, Nicotiana tabacum, Solanum lycopersicum, Solanum tuberosum.

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