

Anti-Ribulose biphosphate carboxylase small subunit, chloroplastic antibody

Catalog: PHY6622A

Product Information

Description:	Rabbit polyclonal antibody
Background:	Zm00001d052595
Synonyms:	RBCS, RbcS, RuBisCO small subunit
Immunogen:	KLH-conjugated synthetic peptide (14 aa from central section) derived from <i>Zea mays</i> RBCS (Zm00001d052595).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitute with 150 µL of sterile 1×PBS (pH 7.4) containing 30–40% glycerol. If glycerol is incompatible with your applications, use 1×PBS alone and use the reconstituted antibody promptly. "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:	19 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Zea mays</i> , <i>Miscanthus lutarioriparius</i> , <i>Sorghum bicolor</i> , <i>Saccharum</i>

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