

Anti-ZmRBCS antibody

Catalog: PHY6623

Product Information

Description:	Rabbit polyclonal antibody
Background:	Zm00001d052595
Synonyms:	RBCS, RbcS, RuBisCO small subunit
Immunogen:	KLH-conjugated synthetic peptide (16 aa from central section) derived from <i>Zea mays</i> RBCS (Zm00001d052595).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A 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>Cucumis melo</i> , <i>Cucumis sativus</i> , <i>Gossypium australe</i> , <i>Gossypium davidsonii</i> , <i>Gossypium hirsutum</i> , <i>Gossypium klotzschianum</i> , <i>Gossypium laxum</i> , <i>Oryza brachyantha</i> , <i>Oryza meridionalis</i> , <i>Oryza punctata</i> , <i>Panicum virgatum</i> , <i>Populus alba</i> , <i>Populus deltoides</i> , <i>Populus tomentosa</i> ,

Research Use Only

Solanum stoloniferum, *Triticum aestivum*, *Triticum turgidum* subsp. *durum*, *Triticum Urartu*, and 93% homologues with the sequence in *Gossypium raimondii*(XP_012471750.1).

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