

Anti-TaRbcS antibody

Catalog: PHY6631S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RBCS in <i>Triticum aestivum</i> (wheat) is the small subunit of Rubisco. While not directly catalytic, it is essential for the enzyme's activity in carbon fixation. The protein family is large (20 genes) and expressed mainly in leaves, responding to environmental stresses.
Synonyms:	RBCS
Immunogen:	KLH-conjugated synthetic peptide (14 aa from central section) derived from <i>Triticum aestivum</i> RBCS (TraesCS2B03G0179600, TraesCS2A03G0131800, TraesCS2B03G0178600, TraesCS2A03G0132000, TraesCS2A03G0131700, TraesCS2D03G0128800).
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:	21 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Hordeum vulgare*.

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