Anti-Carbonic anhydrase antibody

Catalog: PHY5344S

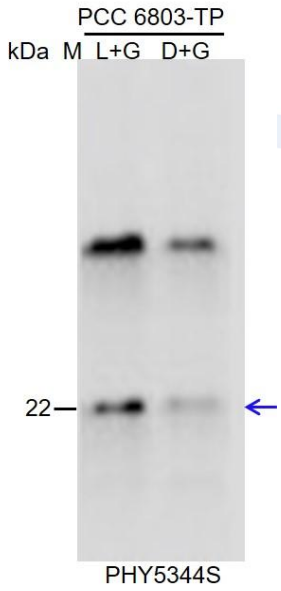
Product Information

Description:	Rabbit polyclonal antibody
Background:	icfA
Synonyms:	icfA
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from *Synechocystis sp.* PCC 6803 icfA (slr0051).
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℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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:	28 / 22 kDa
Confirmed Reactivity:	*Synechocystis sp.* PCC 6803
Predicted Reactivity:	For homologues with other species especially algae, please contact tech support at tech@phytoab.com.

Application Example



L+G: 30 μg whole-cell lysate protein from WT of *Synechocystis sp.* PCC 6803 (Light Plus Glucose).

D+G: 30 μg whole-cell lysate protein from WT of *Synechocystis sp.* PCC 6803 (Dark Plus Glucose).

Electrophoresis: (5-20)% Gradient gel

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4℃ for 1 h.

Primary antibody: 1:1000 dilution overnight at 4℃.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.