Anti-Chloroplastic group IIA intron splicing facilitator CRS1, chloroplastic antibody

Catalog: PHY6310S

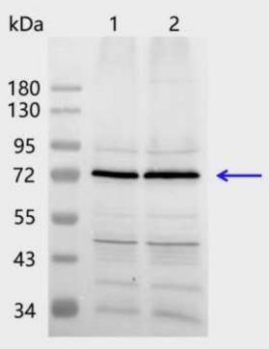
Product Information

Description:	Rabbit polyclonal antibody
Background:	CRS1 is required for the splicing of group IIA introns in chloroplasts, and especially for atpF, by regulating the intron folding. And it is involved in chloroplast protein translation.
Synonyms:	CRS1
Immunogen:	Recombinant protein of CRS1 derived from *Zea mays* GRMZM2G078412.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Reconstitution with 150µl 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

Applications:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected Results:	81 / 72 kDa
Confirmed Reactivity:	*Zea mays*
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com.

Application Example



Lane 1: 15 µg total protein from *Zea mays* leaf.

Lane 2: 30 µg total protein from *Zea mays* leaf.

Electrophoresis: 10% SDS-PAGE

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)

PHY6310S (Cat# PHY6000)

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