

# Anti-Signal recognition particle 43 kDa protein, chloroplastic antibody

Catalog: PHY2391S

## Product Information

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| <b>Description:</b>             | Rabbit polyclonal antibody  |
| <b>Background:</b>              | SRP43 is a component of the chloroplast signal recognition particle pathway that is involved in LHCP targeting. It is downregulated in response to high light. It recognizes the DPLG motif in Lhcb1.   |
| <b>Synonyms:</b>                | cpSRP43, SRP43, CAO, CHAOS, CHLOROPLAST SIGNAL RECOGNITION PARTICLE 43, CPSRP43   |
| <b>Immunogen:</b>               | KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> cpSRP43 (AT2G47450).   |
| <b>Form:</b>                    | Lyophilized   |
| <b>Quantity:</b>                | 150 µg  |
| <b>Purification:</b>            | Serum<br>Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .  |
| <b>Reconstitution:</b>          | Reconstitution with 150 µl of sterile water.<br>"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".   |
| <b>Stability &amp; Storage:</b> | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.<br>12 months from date of receipt, -20 to -70°C as supplied.<br>6 months, -20 to -70°C under sterile conditions after reconstitution.<br>1 month, 2 to 8°C under sterile conditions after reconstitution. |
| <b>Shipping:</b>                | The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.   |

## Application Information

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| <b>Recommended Dilution:</b>   | Western Blot (1:1000-1:2000)<br>Note: Optimal dilutions/concentrations should be determined by the end user.                     |
| <b>Expected / apparent MW:</b> | 41 kDa   |
| <b>Predicted Reactivity:</b>   | For more species homologues information, please contact tech support at <a href="mailto:tech@phytoab.com">tech@phytoab.com</a> . |

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