

Anti-RNA polymerase sigma factor sigA, C-terminal antibody

Catalog: PHY2991A

Product Information

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| Description: | Rabbit polyclonal antibody |
| Background: | SIGA, a subunit of chloroplast RNA polymerase, confers the ability to recognize promoter sequences on the core enzyme. |
| Synonyms: | SIGA, RNA POLYMERASE SIGMA SUBUNIT 1, RNAPOLYMERASE SIGMA SUBUNIT 2, RPOD1, SIG1, SIG2, SIGB, SIGMA FACTOR A |
| Immunogen: | KLH-conjugated synthetic peptide (18 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> SIGA (AT1G64860). |
| Form: | Lyophilized |
| Quantity: | 150 µg |
| Purification: | Immunogen affinity purified |
| Reconstitution: | Reconstitution with 150 µl of 0.01 M sterile PBS. "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

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| Recommended Dilution: | Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected / apparent MW: | 56 kDa |
| Confirmed Reactivity: | Coming soon |
| Predicted Reactivity: | Among species analyzed, the sequence of the synthetic peptide used |

Research Use Only

for immunization is 80-99% homologues with the sequence in *Brassica napus*, *Brassica rapa*, *Glycine max*, *Medicago truncatula*, *Gossypium raimondii*.

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