Anti-Protein SICKLE, C-terminal antibody

Catalog: PHY2943S

Product Information

Description:	Rabbit polyclonal antibody
Background:	SICKLE (SIC) is required for development and abiotic stress tolerance. It is involved in microRNA biogenesis and mRNA splicing. It is a single copy gene in Arabidopsis and likely specific to higher plants. Along with RCN1, it functions in regulating auxin transport processes in part by regulating the recycling of PIN1 and PIN2 auxin transporters. It is required for circadian clock temperature responses.
Synonyms:	RON3, ROTUNDA3, SIC, SICKLE, WARP ACUTE RESPONSE OF PRR7 2, WARP2
Immunogen:	KLH-conjugated synthetic peptide (18 aa from C terminal section) derived from *Arabidopsis thaliana* RON3 (AT4G24500).
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:	35 kDa

Confirmed Reactivity: Coming soon

Predicted Reactivity: Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica napus, Brassica rapa.*

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