Anti-Sterol carrier protein 2, C-terminal antibody

Catalog: PHY2147A

Product Information

Description:	Rabbit polyclonal antibody
Background:	The *Arabidopsis thaliana* sterol carrier protein-2 (AtSCP2) is a small, basic and peroxisomal protein that in vitro enhances the transfer of lipids between membranes.
Synonyms:	SCP2, ATSCP2, STEROL CARRIER PROTEIN 2
Immunogen:	KLH-conjugated synthetic peptide (12 aa from C terminal section) derived from *Arabidopsis thaliana* SCP2 (AT5G42890).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen Affinity Purified
Reconstitution:	Reconstitution with 150 µl of sterile 1×PBS (PH=7.4). "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:	14 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Solanum tuberosum*, *Hordeum vulgare*, *Setaria viridis*, *Glycine max*, *Physcomitrium patens*, *Cucumis sativus*, *Nicotiana tabacum*, *Medicago truncatula*, *Solanum lycopersicum*, *Spinacia oleracea*, *Vitis*

vinifera, *Gossypium raimondii*, *Populus trichocarpa*, *Oryza sativa, Panicum virgatum*, *Triticum aestivum*, *Zea mays*, *Sorghum bicolor*. For more species homologues information, please contact tech support at tech@phytoab.com.