

Anti-Calcineurin B-like protein 4, N-terminal antibody

Catalog: PHY3574A

Product Information

Description:	Rabbit polyclonal antibody
Background:	SOS3 is a calcium sensor that is essential for K ⁺ nutrition, K ⁺ /Na ⁺ selectivity, and salt tolerance. The protein is similar to calcineurin B. The growth defect is rescued by extracellular calcium.
Synonyms:	SOS3, ATSOS3, CALCINEURIN B-LIKE PROTEIN 4, CBL4, SALT OVERLY SENSITIVE 3
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> SOS3 (AT5G24270).
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 &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	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

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	26 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica rapa</i> , <i>Brassica napus</i> . For more species homologues information, please contact tech

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