

Anti-Cellulose synthase A catalytic subunit 3 [UDP-forming], N-terminal antibody

Catalog: PHY3660A

Product Information

Description:	Rabbit polyclonal antibody
Background:	CESA3 is a cellulose synthase isomer. It is a catalytic subunit of cellulose synthase terminal complexes ('rosettes'), required for beta-1,4-glucan microfibril crystallization, a major mechanism of the cell wall formation. It is involved in the primary cell wall formation, especially in roots.
Synonyms:	CESA3, ATCESA3, ATH-B, CELLULOSE SYNTHASE 3, CEV1, MRE1, CONSTITUTIVE EXPRESSION OF VSP 1, ECTOPIC LIGNIFICATION 1, ELI1, ISOXABEN RESISTANT 1, IXR1, MULTIPLE RESPONSE EXPANSION 1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> CESA3 (AT5G05170).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (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 &	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:	120 kDa

Research Use Only

Predicted Reactivity:

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

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