

# Anti-Cellulose synthase A catalytic subunit 4 [UDP-forming] antibody

Catalog: PHY0800S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	CESA4 involved in secondary cell wall biosynthesis. And it confers resistance towards bacterial and fungal pathogens, independent of salicylic acid, ethylene and jasmonate signaling. The Arabidopsis contains ten CESA proteins: CESA1 (AT5G44030), CESA2 (AT4G39350), CESA3 (AT5G05170), CESA4 (AT5G44030), CESA5 (AT5G09870), CESA6 (AT5G64740), CESA7 (AT5G17420), CESA8 (AT4G18780), CESA9 (AT2G21770) and CESA10 (AT2G25540).
<b>Synonyms:</b>	CESA4, CELLULOSE SYNTHASE A4, IRREGULAR XYLEM 5, IRX5, NWS2
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (26 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> CESA4 (AT5G44030).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
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Research Use Only

**Expected / apparent MW:** 120 kDa

**Confirmed Reactivity:** Coming soon

**Predicted Reactivity:** For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).