

Anti-Choline-phosphate cytidyltransferase 1, N-terminal antibody

Catalog: PHY2240S

Product Information

Description:	Rabbit polyclonal antibody
Background:	<i>Arabidopsis thaliana</i> increases cellular phosphatidylcholine (PC) content during cold acclimation by up-regulating PC biosynthesis. The <i>A. thaliana</i> CCT1 and CCT2 were known as CTP: phosphorylcholine cytidyltransferases, which regulate PC biosynthesis via the CDP–choline pathway.
Synonyms:	CCT1, ATCCT1, PHOSPHORYLCHOLINE CYTIDYLYLTRANSFERASE
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> CCT1 (AT2G32260).
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°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:	38 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Brassica napus*, *Brassica rapa*.

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