

Anti-Tocopherol O-methyltransferase, chloroplastic antibody

Catalog: PHY2759A

Product Information

Description:	Rabbit polyclonal antibody
Background:	VTE4 is a gamma-tocopherol methyltransferase (g-TMT) mRNA, VTE4 accumulates gamma tocopherol in leaves.
Synonyms:	VTE4, G-TMT, GAMMA-TOCOPHEROL METHYLTRANSFERASE, TMT1, VITAMIN E DEFICIENT 4
Immunogen:	KLH-conjugated synthetic peptide (17 aa from Central section) derived from <i>Arabidopsis thaliana</i> VTE4 (AT1G64970).
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 & 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
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Glycine max</i> , and 80-99% homologues with the sequence in <i>Sorghum bicolor</i> , <i>Panicum virgatum</i> , <i>Hordeum vulgare</i> , <i>Solanum tuberosum</i> , <i>Triticum</i>

Research Use Only

aestivum, *Nicotiana tabacum*, *Solanum lycopersicum*, *Oryza sativa*,
Medicago truncatula, *Sorghum bicolor*, *Zea mays*, *Vitis vinifera*,
Populus trichocarpa, *Setaria viridis*, *Gossypium raimondii*, *Cucumis*
sativus, *Brassica napus*, *Brassica rapa*.

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