

Anti-Protein MET1, chloroplastic antibody

Catalog: PHY2623S

Product Information

Description:	Rabbit polyclonal antibody
Background:	ZKT is a member of a novel plant protein family containing a PDZ, a K-box, and a TPR motif. The level of ZKT mRNA decreased after wounding. ZKT protein may act as a molecular adaptor regulated by phosphorylation in wound responses.
Synonyms:	ZKT, PROTEIN CONTAINING PDZ DOMAIN, A K-BOX DOMAIN, AND A TPR REGION, MET1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> ZKT (AT1G55480).
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 (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	37 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in

Research Use Only

Gossypium raimondii, *Glycine max*, *Populus trichocarpa*, *Brassica rapa*, *Solanum tuberosum*, *Nicotiana tabacum*, *Brassica napus*.
For more species homologues information, please contact tech support at tech@phytoab.com.