

Anti-Protein MET1, chloroplastic antibody

Catalog: PHY2644S

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 (17 aa from C terminal 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
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, and 80-99% homologues with the sequence in *Sorghum bicolor*, *Zea mays*, *Panicum virgatum*, *Oryza sativa*, *Setaria viridis*, *Hordeum vulgare*, *Triticum aestivum*, *Cucumis sativus*, *Medicago truncatula*, *Populus trichocarpa*, *Solanum lycopersicum*, *Solanum tuberosum*, *Nicotiana tabacum*, *Glycine max*, *Vitis vinifera*, *Spinacia oleracea*.

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