

Anti-Thylakoid lumenal protein TL20.3, chloroplastic antibody

Catalog: PHY2653S

Product Information

Description:	Rabbit polyclonal antibody
Background:	TL20.3
Synonyms:	TL20.3
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> TL20.3 (AT1G12250).
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:	30 kDa (AT1G12250.1), 22 kDa (AT1G12250.2)
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica napus</i> , <i>Solanum lycopersicum</i> , <i>Brassica rapa</i> , <i>Vitis vinifera</i> , <i>Gossypium raimondii</i> , <i>Zea mays</i> , <i>Populus trichocarpa</i> , <i>Panicum</i>

Research Use Only

virgatum, *Setaria viridis*, *Sorghum bicolor*, *Glycine max*, *Nicotiana tabacum*, *Solanum tuberosum*, *Spinacia oleracea*, and 80-99% homologues with the sequence in *Triticum aestivum*, *Oryza sativa Japonica Group*, *Oryza sativa Indica Group*, *Hordeum vulgare*, *Medicago truncatula*, *Cucumis sativus*, *Physcomitrium patens*. For more species homologues information, please contact tech support at tech@phytoab.com.