

Anti-YELLOW-LEAF 1 antibody

Catalog: PHY4363S

Product Information

Description:	Rabbit polyclonal antibody
Background:	OsYL1
Synonyms:	OsYL1, ZIP1, OsCRD1, PNZIP, YGL8, YL-1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Oryza sativa</i> OsYL1 (Os01g0279100).
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:	47 kDa
Confirmed Reactivity:	Coming soon
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>Triticum aestivum</i> , <i>Solanum tuberosum</i> , <i>Populus trichocarpa</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Setaria viridis</i> , <i>Gossypium raimondii</i> ,

Research Use Only

Panicum virgatum, *Cucumis sativus*, *Brassica rapa*, *Arabidopsis thaliana*, *Zea mays*, *Sorghum bicolor*, *Solanum lycopersicum*, *Nicotiana tabacum*, *Vitis vinifera*, *Medicago truncatula*, *Spinacia oleracea*, *Physcomitrium patens*, and 80-99% homologues with the sequence in *Chlamydomonas reinhardtii*.

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