

Anti-YELLOW-LEAF 1 antibody

Catalog: PHY4659S

Product Information

Description:	Rabbit polyclonal antibody
Background:	OsYL1 catalyzes the formation of the isocyclic ring in chlorophyll biosynthesis. It mediates the cyclase reaction, which results in the formation of divinylprotochlorophyllide (Pchl _{id}) characteristic of all chlorophylls from magnesium-protoporphyrin IX 13-monomethyl ester (MgPMME).
Synonyms:	OsYL1, ZIP1, OsCRD1, PNZIP, YGL8, YL-1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from central section) derived from <i>Oryza sativa</i> OsYL1 (Os02g0152900).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
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 (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	17 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

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