

Anti-Probable membrane-associated 30 kDa protein, chloroplastic antibody

Catalog: PHY4391S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Os01g0895100
Synonyms:	Os01g0895100
Immunogen:	KLH-conjugated synthetic peptide (18 aa from Central section) derived from <i>Oryza sativa</i> Os01g0895100.
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

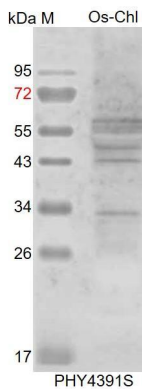
Recommended Dilution:	Western Blot (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	35 / 34 kDa
Confirmed Reactivity:	<i>Oryza sativa</i>
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Zea mays</i> , <i>Sorghum bicolor</i> , <i>Panicum virgatum</i> , <i>Setaria viridis</i> , and

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80-99% homologues with the sequence in *Triticum aestivum*, *Glycine max*, *Gossypium raimondii*, *Hordeum vulgare*, *Cucumis sativus*, *Medicago truncatula*, *Vitis vinifera*, *Populus trichocarpa*, *Brassica napus*, *Arabidopsis thaliana*, *Brassica rapa*, *Physcomitrium patens*, *Solanum tuberosum*, *Spinacia oleracea*, *Nicotiana tabacum*, *Solanum lycopersicum*.

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

Application Example



Os-Chl: 5 μ l total chloroplast protein from *Oryza sativa*.

Electrophoresis: 15% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:5000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L(HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.