

Anti-RPL2 antibody

Catalog: PHY2498S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RPL2.1 and RPL2.1 are the chloroplast ribosomal proteins L2. They are structural components of the 50S ribosomal large subunit and are essential for protein translation within the chloroplast.
Synonyms:	RPL2.1, RIBOSOMAL PROTEIN L2, RIBOSOMAL PROTEIN UL2CZ, UL2CZ, RPL2.2, RIBOSOMAL PROTEIN L2, RIBOSOMAL PROTEIN UL2CY, UL2CY
Immunogen:	KLH-conjugated synthetic peptide (15 aa from central section) derived from <i>Arabidopsis thaliana</i> RPL2 (ATCG00830, ATCG01310).
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

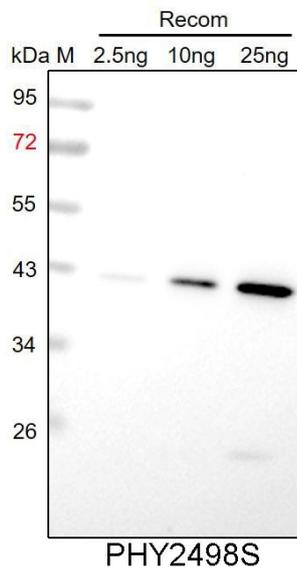
Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	30 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica</i>

Research Use Only

rapa, Medicago truncatula, Populus trichocarpa, Gossypium raimondii, Vitis vinifera, Cucumis sativus, Solanum tuberosum, Brassica napus, Solanum lycopersicum, Glycine max, Nicotiana tabacum, Spinacia oleracea, and 80-99% homologues with the sequence in Oryza sativa, Triticum aestivum, Hordeum vulgare, Leymus chinensis, Zea mays, Sorghum bicolor, Setaria viridis, Panicum virgatum.

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

Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 42 kDa.

Electrophoresis: 12% 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: 1:1000 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.