

Anti-30S rps4 ribosomal protein S4 (RP-S4) antibody

Catalog: PHY3166S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RPS4 is one of the primary rRNA binding proteins, it binds directly to 16S rRNA where it nucleates assembly of the body of the 30S subunit.
Synonyms:	RPS4, CHLOROPLAST RIBOSOMAL PROTEIN S4
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> RPS4 (ATCG00380).
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:	23 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>Solanum tuberosum</i> , <i>Nicotiana tabacum</i> , <i>Gossypium</i>

Research Use Only

raimondii, *Cucumis sativus*, *Glycine max*, *Populus trichocarpa*,
Solanum lycopersicum, *Vitis vinifera*, and 80-99% homologues with
the sequence in *Medicago truncatula*, *Triticum aestivum*, *Leymus
chinensis*, *Panicum virgatum*, *Oryza sativa Japonica Group*, *Zea
mays*, *Hordeum vulgare*, *Setaria viridis*, *Physcomitrium patens*,
Spinacia oleracea, *Synechococcus elongatus* PCC 7942,
Synechocystis sp. PCC 6803.

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