

Anti-40S ribosomal protein S14 antibody

Catalog: PHY1011S

Product Information

Description:	Rabbit polyclonal antibody
Background:	S14 is predicted to have a structure almost identical to that of its bacterial homolog S11, including a highly conserved, basic carboxy-terminal stretch of amino acids protruding from the body of the protein. S14 is necessary for assembly of 40S ribosomal subunits.
Synonyms:	S14, RPS14.
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> RPS14A (AT2G36160), RPS14B (AT3G11510) and RPS14C (AT3G52580).
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:	15 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Vitis vinifera*, *Solanum tuberosum*, *Brassica napus*, *Brassica rapa*, *Hordeum vulgare*, *Triticum aestivum*, *Zea mays*, *Glycine max*, *Oryza sativa* Japonica Group, *Nicotiana tabacum*, *Gossypium raimondii*, *Spinacia oleracea*, *Chlamydomonas reinhardtii*, *Cucumis sativus*, *Sorghum bicolor*, *Panicum virgatum*, *Setaria viridis*.

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