Anti-30S rps2 ribosomal protein S2 antibody

Catalog: PHY0427S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. 30S rps2 ribosomal protein S2 (RP- S2) is one of subunit of plastid small ribosomal subunits; it located in chloroplast and involved in translation.
Synonyms:	RPS2, RIBOSOMAL PROTEIN S2, RIBOSOMAL PROTEIN US2C, US2C
Immunogen:	KLH-conjugated synthetic peptide (19 aa from Central section) derived from *Arabidopsis thaliana* RPS2 (ATCG00160).
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℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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:	27 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, and 80-99% homologues with the sequence in

Cucumis sativus, *Vitis vinifera*, *Gossypium raimondii*.

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