

Anti-40S ribosomal protein S6, C-terminal antibody

Catalog: PHY7297S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RPS6A and RPS6B (AT5G10360) are fully redundant and essential during gametogenesis. It may play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.
Synonyms:	RPS6
Immunogen:	KLH-conjugated synthetic peptide (16 aa from central section) derived from <i>Arabidopsis thaliana</i> RPS6A (AT4G31700) and RPS6B (AT5G10360).
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.

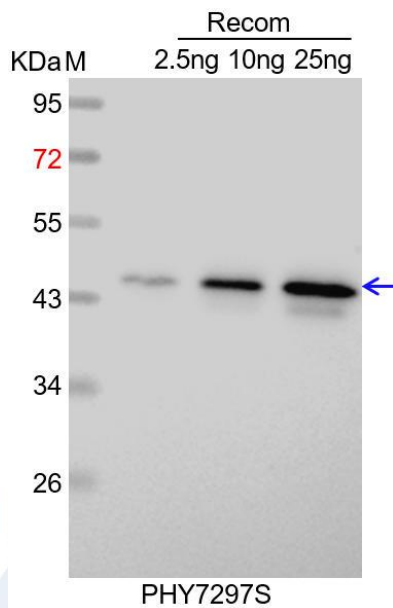
Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	28 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Glycine max</i> , <i>Brassica rapa</i> , <i>Brassica napus</i> , and 80-99%

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homologues with the sequence in *Solanum tuberosum*, *Spinacia oleracea*, *Cucumis sativus*, *Solanum lycopersicum*, *Populus trichocarpa*, *Medicago truncatula*, *Sorghum bicolor*, *Setaria viridis*, *Zea mays*, *Vitis vinifera*, *Gossypium raimondii*, *Nicotiana tabacum*.
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 46 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.