

Anti-26S proteasome regulatory subunit 6A homolog A/B, C-terminal antibody

Catalog: PHY2949S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RPT5a (Regulatory Particle 5a), one of the six AAA-ATPases of the proteasome regulatory particle. It's essential for gametophyte development. In Arabidopsis, the RPT5 subunit is encoded by two highly homologous genes, RPT5a and RPT5b. RPT5a and RPT5b show accession-dependent functional redundancy.
Synonyms:	RPT5A/B, ATS6A.2, REGULATORY PARTICLE TRIPLE-A ATPASE 5A, RPT5A, 26S PROTEASOME AAA-ATPASE SUBUNIT RPT5B, RPT5B
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> RPT5A (AT3G05530), RPT5B (AT1G09100).
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
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Research Use Only

Expected / apparent MW:

end user.

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

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