

# Anti-26S proteasome regulatory subunit 6A homolog A/B antibody

Catalog: PHY3637S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	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.
<b>Synonyms:</b>	RPT5A/B, ATS6A.2, REGULATORY PARTICLE TRIPLE-A ATPASE 5A, RPT5A, 26S PROTEASOME AAA-ATPASE SUBUNIT RPT5B, RPT5B
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> RPT5A (AT3G05530), RPT5B (AT1G09100).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	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".
<b>Stability &amp;</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the
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Research Use Only

end user.

**Expected / apparent MW:**

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*, *Brassica napus*, *Brassica rapa*, *Nicotiana tabacum*, *Gossypium raimondii*, *Zea mays*, *Triticum aestivum*, *Hordeum vulgare*, *Panicum virgatum*, *Setaria viridis*, *Sorghum bicolor*, *Oryza sativa*, *Physcomitrium patens*, *Spinacia oleracea*, *Medicago truncatula*, *Cucumis sativus*, *Solanum lycopersicum*, *Populus trichocarpa*, *Vitis vinifera*.

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).