

Anti-RPN10 antibody

Catalog: PHY0102S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RPN10 is a ubiquitin receptor subunit of the 26S proteasome. It facilitates polyubiquitin chain recognition and substrate recruitment for targeted protein degradation, regulating diverse processes like hormone signaling and stress responses.
Synonyms:	RPN10, ATMCB1, MBP1, MCB1, MULTIUBIQUITIN CHAIN BINDING PROTEIN 1, MULTIUBIQUITIN-CHAIN-BINDING PROTEIN 1, REGULATORY PARTICLE NON-ATPASE 10
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N-terminal section) derived from <i>Arabidopsis thaliana</i> Rpn10 (AT4G38630).
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:	41 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Oryza sativa*, *Glycine max*, *Brassica napus*, *Populus trichocarpa*, *Triticum aestivum*, *Hordeum vulgare*, *Medicago truncatula*, *Gossypium raimondii*, *Brassica rapa*, and 93% homologues with the sequence in *Solanum tuberosum*, *Vitis vinifera*, *Zea mays*, *Physcomitrium patens*, *Panicum virgatum*, *Setaria viridis*, *Solanum lycopersicum*, *Spinacia oleracea*, *Cucumis sativus*, *Sorghum bicolor*, *Nicotiana tabacum*.

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