Anti-26S proteasome non-ATPase regulatory subunit 11 homolog antibody

Catalog: PHY1963A

Product Information

Description:	Rabbit polyclonal antibody
Background:	RPN6 is the component of the lid subcomplex of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins.
Synonyms:	RPN6, ATS9, NON-ATPASE SUBUNIT 9, REGULATORY PARTICLE NON-ATPASE 6
Immunogen:	KLH-conjugated synthetic peptide (17 aa from C terminal section) derived from *Arabidopsis thaliana* RPN6 (AT1G29150).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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.

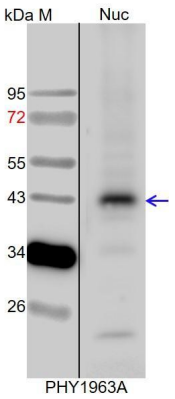
Application Information

Recommended Dilution:	Western Blot(1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	47 / 43 kDa
Confirmed Reactivity:	*Arabidopsis thaliana*
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 *Glycine max, Triticum aestivum, Zea mays, Sorghum bicolor, Oryza sativa*, *Populus trichocarpa, Medicago truncatula, Panicum virgatum, Cucumis sativus, Setaria viridis, Vitis vinifera, Hordeum vulgare.*
For more species homologues information, please contact tech support at tech@phytoab.com.

Application Example

Example1:



Nuc: 6 μg nuclear protein from *Arabidopsis thaliana*.

Electrophoresis: 15% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

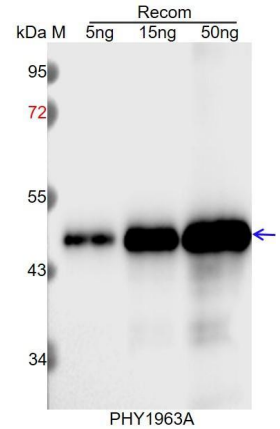
Blocking: 5% skim milk at RT or 4℃ for 1 h.

Primary antibody: 1:2000 dilution overnight at 4℃.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgGH&L(HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.

Example2:



Recom: 5 ng, 15 ng and 50 ng recombinant protein containing the peptide for immunization and having a molecular mass of 48 kDa.

Electrophoresis: 12% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4℃ for 1 h.

Primary antibody: 1:1000 dilution overnight at 4℃.

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.