Anti-DNA-directed RNA polymerases IV and V subunit 4 antibody

Catalog: PHY1797S

Product Information

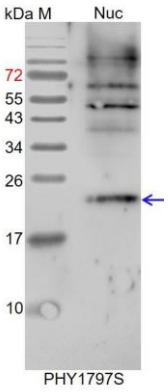
Description:	Rabbit polyclonal antibody
Background:	NRPD4 is a protein related to the RPB4 subunit of RNA polymerase II, it is a component of RNA polymerases IVand V and is required for RNA-directed DNA methylation.
Synonyms:	NRPD4, NRPE4, RDM2, RNA-DIRECTED DNA METHYLATION 2
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from *Arabidopsis thaliana* NRPD4 (AT4G15950).
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℃ 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:	22 / 23 kDa
Confirmed Reactivity:	*Arabidopsis thaliana*
Predicted Reactivity:	For more species homologues information, please contact tech

support at tech@phytoab.com.

Application Example



Nuc: 4 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: 1:1000 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.