

Anti-DNA-directed RNA polymerase II subunit RPB1 antibody

Catalog: PHY3148S

Product Information

Description:	Rabbit polyclonal antibody
Background:	NRPB1 is the unique largest subunit of nuclear DNA-dependent RNA polymerase II; the ortholog of budding yeast RPB1 and a homolog of the <i>E. coli</i> RNA polymerase beta prime subunit.
Synonyms:	NRPB1, RNA POLYMERASE II LARGE SUBUNIT, RNA_POL_II_LS, RNA_POL_II_LSRNA_POL_II_LS, RPB1
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> NRPB1 (AT4G35800).
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:	205 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Brassica rapa*, *Brassica napus*, *Cucumis sativus*, *Vitis vinifera*, *Gossypium raimondii*.

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