Anti- DNA-directed RNA polymerase III subunit 2 antibody

Catalog: PHY2048A

Product Information

Description:	Rabbit polyclonal antibody
Background:	NRPC2 is a DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second largest core component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. And it proposed to contribute to the polymerase catalytic activity and forms the polymerase active center together with the largest subunit.
Synonyms:	NRPC2, NUCLEAR RNA POLYMERASE C2
Immunogen:	KLH-conjugated synthetic peptide (18 aa from C terminal section) derived from *Arabidopsis thaliana* NRPC2 (AT5G45140).
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

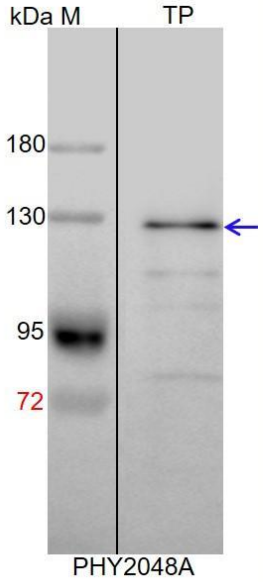
Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	130 kDa

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 rapa, Brassica napus*.

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

Application Example



TP: 15 μg total protein from *Arabidopsis thaliana*.

Electrophoresis: 10% SDS-PAGE

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

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

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.