

Anti-DNA-directed RNA polymerase 3, chloroplastic antibody

Catalog: PHY3247S

Product Information

Description:	Rabbit polyclonal antibody
Background:	The nuclear genome of <i>Arabidopsis</i> contains two candidate genes for NEP, RpoTp and RpoTmp, both coding for phage-type RNA polymerases. DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates.
Synonyms:	RPOTp, AtRPOTp, PDE319, PIGMENT DEFECTIVE 319, SCA3, SCABRA 3
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> RPOTp (AT2G24120).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl 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.
Reference:	Emilie Demarsy, et al., Plant Physiology 2006, 142; 993–1003.

Application Information

Applications:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected Results:	113 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

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*, and 80-99% homologues with the sequence in *Brassica rapa*, *Brassica napus*.

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