Anti-DEAD-box ATP-dependent RNA helicase 9 antibody

Catalog: PHY0815A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PMH1 is similarity to DEAD-box RNA helicases. It's involved in drought, salt and cold stress responses. The mitochondrial DEAD-box proteins is included PMH1 (AT3G22310) and PMH2 (AT3G22330). And PMH1 and PMH2 are very similar to each other, with 77% identical amino acids, both carrying a Ser/Gly-rich C terminus.
Synonyms:	RH9, ATRH9, ATG of PMH1, PMH1, PUTATIVE MITOCHONDRIAL RNA HELICASE 1, RNA HELICASE 9
Immunogen:	KLH-conjugated synthetic peptide of RH9 (15 aa from C terminal section) derived from *Arabidopsis thaliana* (AT3G22310).
Form:	Lyophilized
Quantity:	150 μg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150μl 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.
Reference:	Matthes et al., Plant Physiology 2007, 145; 1637–1646.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	64 kDa

Confirmed Reactivity: Coming soon

Predicted Reactivity: Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Zea mays, Sorghum bicolor.*

The sequence of the synthetic peptide used for immunization is 86% homologues with the sequence in PMH2 (AT3G22330).

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