Anti-RNA-dependent RNA polymerase 6 antibody

Catalog: PHY3642S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RNA-dependent RNA polymerase involved in trans-acting siRNA and other siRNA biogenesis. Required for post-transcriptional gene silencing and natural virus resistance.Loss of function mutants produce ectopic megaspore mother cell and supernumary female gametophytes.
Synonyms:	RDR6, ATRDR6, RNA-DEPENDENT RNA POLYMERASE 6, SDE1, SGS2, SILENCING DEFECTIVE 1, SUPPRESSOR OF GENE SILENCING 2
Immunogen:	KLH-conjugated synthetic peptide (14 aa from Central section) derived from *Arabidopsis thaliana* RDR6 (AT3G49500).
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℃ 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:	137 kDa
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 *Vitis vinifera, Brassica napus, Glycine max, Triticum aestivum, Panicum virgatum, Hordeum vulgare, Setaria viridis, Spinacia oleracea, Zea mays, Sorghum bicolor, Medicago truncatula, Brassica rapa, Populus trichocarpa, Nicotiana tabacum, Gossypium raimondii, Spinacia oleracea, Zea mays*, and 80-99% homologues with the sequence in *Setaria viridis, Solanum lycopersicum, Oryza sativa, Solanum tuberosum, Panicum virgatum, Setaria viridis, Cucumis sativus*.

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