

Anti-Ribonuclease J antibody

Catalog: PHY2322S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Rnase J is a member of the metallo-beta-lactamase protein family that plays a vital role in embryo morphogenesis and apical-basal pattern formation by regulating chloroplast development.
Synonyms:	Rnase J, ATRNJ, EMB2746, EMBRYO DEFECTIVE 2746, RIBONUCLEASE J, RNJ
Immunogen:	KLH-conjugated synthetic peptide (18 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> Rnase J (AT5G63420).
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:	101 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

Research Use Only

for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, and 80-99% homologues with the sequence in *Populus trichocarpa*, *Hordeum vulgare*, *Triticum aestivum*, *Cucumis sativus*, *Glycine max*, *Zea mays*, *Vitis vinifera*, *Medicago truncatula*, *Sorghum bicolor*, *Panicum virgatum*, *Gossypium raimondii*, *Oryza sativa*, *Setaria viridis*.

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