

# Anti-Ribonuclease E/G-like protein, chloroplastic antibody

Catalog: PHY2342S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	RNase E is an endoribonuclease that has been studied primarily in <i>Escherichia coli</i> , where it is prominently involved in the processing and degradation of RNA.
<b>Synonyms:</b>	RNASE E, RNASE E/G-LIKE, RNE, RNEE/G
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (18 aa from Central section) derived from <i>Arabidopsis thaliana</i> RNASE E (AT2G04270).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum
<b>Reconstitution:</b>	Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> . 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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	112 kDa
<b>Confirmed Reactivity:</b>	Coming soon
<b>Predicted Reactivity:</b>	Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in

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*Brassica napus, Brassica rapa, Glycine max, Cucumis sativus, Cucumis sativus, Spinacia oleracea, Populus trichocarpa, Gossypium raimondii, Nicotiana tabacum, Solanum lycopersicum, Solanum tuberosum, Solanum lycopersicum, Triticum aestivum, Vitis vinifera, Hordeum vulgare, Zea mays.*

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).