

Anti-Protein RETICULATA-RELATED 4, chloroplastic antibody

Catalog: PHY2132S

Product Information

Description:	Rabbit polyclonal antibody
Background:	The RER family is plant specific, and its members are present in all plant genomes sequenced so far. RER4 may play a role in leaf development.
Synonyms:	RER4, RETICULATA-RELATED 4
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> RER4 (AT5G12470).
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.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	41 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Nicotiana tabacum</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Populus trichocarpa</i> , and 80-99% homologues

Research Use Only

with the sequence in *Vitis vinifera*, *Gossypium raimondii*, *Glycine max*, *Cucumis sativus*, *Spinacia oleracea*, *Hordeum vulgare*, *Triticum aestivum*, *Oryza sativa*, *Medicago truncatula*, *Panicum virgatum*, *Sorghum bicolor*, *Setaria viridis*, *Zea mays*.

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