

Anti-Cysteine proteinase RD21A antibody

Catalog: PHY2195S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RD21 is involved in immunity to the necrotrophic fungal pathogen <i>Botrytis cinerea</i> .
Synonyms:	RD21, RD21A, RESPONSIVE TO DEHYDRATION 21, RESPONSIVE TO DEHYDRATION 21A
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> RD21 (AT1G47128).
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:	51 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 <i>Triticum</i>

Research Use Only

aestivum, Hordeum vulgare, Vitis vinifera, Gossypium raimondii, Solanum tuberosum, Oryza sativa Japonica Group, Solanum lycopersicum, Sorghum bicolor, Panicum virgatum, Brassica napus, Brassica rapa, Populus trichocarpa, Zea mays, Nicotiana tabacum, Glycine max, Medicago truncatula.

The sequence of the synthetic peptide used for immunization is 86% homologous with the sequence in XCP1(AT4G35350).

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