

Anti-Class I beta-1, 3-glucanase antibody

Catalog: PHY0052S

Product Information

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| Description: | Rabbit polyclonal antibody |
| Background: | Beta-1, 3-Glucanase is widely distributed in higher plants and has been found during germination of pea (<i>Pisum sativum</i>), barley (<i>Hordeum vulgare</i>), maize (<i>Zea mays</i>), and wheat (<i>Triticum aestivum</i>). Its expression is regulated by plant hormones that can also influence germination, and it's implicated in other physiological and developmental processes, including embryogenesis, microsporogenesis, flowering and abscission. |
| Synonyms: | BGLU |
| Immunogen: | KLH-conjugated synthetic peptide of BGLU derived from <i>Solanum lycopersicum</i> . |
| 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

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| Recommended Dilution: | Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected/apparent MW: | 40 kDa |
| Confirmed Reactivity: | Coming soon |

Research Use Only

Predicted Reactivity:

Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Vitis vinifera*.

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