

**AP21210BT-N****Polyclonal Antibody to Amyloglucosidase - Biotin**

|                         |  |
|-------------------------|--|
| <b>Alternate names:</b> | 1, 4-alpha-D-glucan glucohydrolase, 4-alpha-glucosidase, GLAA, Glucan 1, Glucoamylase  |
| <b>Quantity:</b>        | 1 ml   |
| <b>Concentration:</b>   | 10.0 mg/ml   |
| <b>Uniprot ID:</b>      | <a href="#">P69328</a>   |
| <b>NCBI:</b>            | <a href="#">5061</a>   |
| <b>Host / Isotype:</b>  | Rabbit / IgG   |
| <b>Immunogen:</b>       | Amyloglucosidase isolated and purified from <i>Aspergillus niger</i> . Freund's complete adjuvant is used in the first step of the immunization procedure.   |
| <b>Format:</b>          | <b>State:</b> Lyophilized hyperimmune IgG fraction<br><b>Purification:</b> Ammonium Sulphate Precipitation and Ion Exchange Chromatography<br><b>Buffer System:</b> PBS, pH 7.2 without preservatives and foreign proteins<br><b>Label:</b> Biotin<br><i>Molar Ratio:</i> Biotin/IgG ~5.4<br><b>Reconstitution:</b> Restore by adding 1.0 ml of sterile distilled water  |
| <b>Applications:</b>    | This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques).<br>Working Dilutions in non-precipitating antibody-binding techniques:<br>1/1,000-1/15,000.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.   |
| <b>Specificity:</b>     | This antibody recognizes Amyloglucosidase from <i>Aspergillus niger</i> .<br>The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and Enzyme Inhibition.<br>Cross-reactivities against enzymes of other sources may occur but have not been determined.<br><b>Species:</b> <i>Aspergillus niger</i> .<br>Other species not tested. |
| <b>Storage:</b>         | Store the antibody lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer.<br>If a slight precipitation occurs upon storage, this should be removed by centrifugation.<br>Shelf life: one year from despatch.   |