

**AP21263AF-N****Polyclonal Antibody to Beta-Glucosidase - Azide Free**

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| <b>Quantity:</b>          | 10 mg  |
| <b>Concentration:</b>     | 10.0 mg/ml   |
| <b>Host / Isotype:</b>    | Rabbit / IgG   |
| <b>Immunogen:</b>         | Beta-Glucosidase isolated and purified from almonds.<br>Freund's complete adjuvant is used in the first step of the immunization procedure.  |
| <b>Format:</b>            | <b>State:</b> Lyophilized purified 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>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), to prepare an insoluble immuno-affinity adsorbent, for labelling with a marker of choice.<br><u><i>Recommended Working Dilutions:</i></u><br>Non-precipitating antibody-binding techniques: 1/1,000-1/70,000.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| <b>Specificity:</b>       | This antibody is polyclonal immunologic reagents to Beta-Glucosidase from Almonds. 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> Almonds.<br>Other species not tested.           |
| <b>Storage:</b>           | Store lyophilized at 2-8°C for 6 months or at -20°C long term.<br>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.   |
| <b>Product Citations:</b> | <b>Purchased from Acris:</b><br>1. Goyari S, Devi SH, Bengyella L, Khan M, Sharma CK, Kalita MC, et al. Unveiling the optimal parameters for cellulolytic characteristics of Talaromyces verruculosus SGMNPF3 and its secretory enzymes. J Appl Microbiol. 2015 Apr 2. doi: 10.1111/jam.12816. PubMed PMID: 25833715.  |