

**AP21323PU-N****Polyclonal Antibody to BDH1 - Aff - Purified**

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| <b>Alternate names:</b> | 3-hydroxybutyrate dehydrogenase, D-beta-hydroxybutyrate dehydrogenase, mitochondrial  |
| <b>Quantity:</b>        | 1 mg  |
| <b>Concentration:</b>   | 2.0 mg/ml   |
| <b>Host / Isotype:</b>  | Rabbit / IgG  |
| <b>Immunogen:</b>       | beta-Hydroxybutyrate Dehydrogenase isolated and purified from Rhodopseudomonas spheroides.<br>Freund's complete adjuvant is used in the first step of the immunization procedure.   |
| <b>Format:</b>          | <b>State:</b> Lyophilized hyperimmune purified IgG fraction<br><b>Purification:</b> Solid Phase Affinity Chromatography<br><b>Buffer System:</b> PBS, pH 7.2 stabilized with Dextran and without preservatives and foreign proteins<br><b>Reconstitution:</b> Restore by adding 0.5 ml 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><b>Working Dilutions:</b><br>Non-precipitating antibody-binding techniques: 1/100-1/1,000.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.                      |
| <b>Specificity:</b>     | beta-Hydroxybutyrate Dehydrogenase from Rhodopseudomonas spheroides.<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> Rhodopseudomonas spheroides.<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.  |