

**AP21418BT-N****Polyclonal Antibody to Phosphateacetyltransferase - Biotin**

<b>Alternate names:</b>	Phosphotrans Acetylase, pta
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	10.0 mg/ml
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Phosphotransacetylase is isolated and purified from <i>Clostridium kluuyveri</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 <b>Purification:</b> Ammonium Sulphate Precipitation and Ion Exchange Chromatography <b>Buffer System:</b> PBS, pH 7.2 without preservatives and foreign proteins <b>Label:</b> Biotin <i>Molar Ratio: Biotin/IgG ~5.2</i> <b>Reconstitution:</b> Restore by adding 1.0 ml of sterile distilled water
<b>Applications:</b>	This antibody 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). <u><i>Recommended Working Dilutions:</i></u> Non-precipitating antibody-binding techniques: 1/1,000-1/5,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	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. Cross-reactivities against enzymes of other sources may occur but have not been determined. <b>Species:</b> <i>Clostridium kluuyveri</i> . Other species not tested.
<b>Add. Information:</b>	<b>Conjugation procedure:</b> A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilised to assure stability and long shelf life.
<b>Storage:</b>	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.