

Product datasheet for **AP21417BT-N**

pep1 Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, ID, IF, IP, R, WB |
| Recommended Dilution: | 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. <u>Recommended Dilutions:</u> Non-precipitating antibody-binding techniques: 1/100-1/1,000. |
| Reactivity: | Maize |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Phospho(Enol)Pyruvate Carboxylase isolated and purified from Corn. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Specificity: | This antibody is polyclonal antiserum immunologic reagents to to phospho(enol)pyruvate carboxylase from Corn. 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. |
| Formulation: | PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin State: Lyophilized hyperimmune IgG fraction Molar ratio: Biotin/IgG ~5.8 |
| Reconstitution Method: | Restore by adding 1.0 ml of sterile distilled water |
| Concentration: | lot specific |
| Purification: | Ammonium Sulphate Precipitation and Ion Exchange Chromatography |



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| Conjugation: | Biotin |
| Storage: | 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. If a slight precipitation occurs upon storage, this should be removed by centrifugation. |
| Stability: | Shelf life: one year from despatch. |
| Database Link: | P04711 |
| Synonyms: | PPC, PEPC1, PEPC 1, PEPCase 1, PEP carboxylase |