

Product datasheet for **AP21365BT-N**

Acid Phosphatase 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). Working dilutions in non-precipitating antibody-binding techniques: 1/1,000-1/7,000. |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Acid Phosphatase isolated and purified from Potato. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Specificity: | Acid Phosphatase from Potato. 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 ~ 5.5 |
| Reconstitution Method: | Restore by adding 1.0 ml of sterile distilled water |
| Concentration: | lot specific |
| Purification: | Ammonium Sulphate Precipitation and Ion Exchange Chromatography. |
| 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. |



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| Stability: | Shelf life: one year from despatch. |
| Database Link: | Q6J5M7 |
| Background: | Prostatic acid phosphatase is one of the two antigenic markers of prostatic carcinoma, the other being prostate specific antigen. It belongs to the kallikrein family of serine proteases and is suggested to act as a hydrolase to split phospharyl choline in semen and as a transferase. |
| Synonyms: | PAP1 |