

Product datasheet for **AP21326BT-N**

IPP1 Rabbit Polyclonal Antibody

Product data:

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. <i>Recommended Working Dilutions:</i> Non-precipitating antibody-binding techniques: 1/10,000-1/40,000.
Reactivity:	Bakers Yeast
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Inorganic Pyrophosphatase is isolated and purified from Yeast. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Inorganic Pyrophosphatase is isolated and purified from Yeast. 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 ~6.0
Reconstitution Method:	Restore by adding 1.0 ml sterile distilled water
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
Conjugation:	Biotin



[View online »](#)

Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P00817
Background:	Pyrophosphatase 1 (PPA1) is a member of the inorganic pyrophosphatase (PPase) family. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells.
Synonyms:	Inorganic pyrophosphatase, Pyrophosphate phospho-hydrolase, PPase, IOPPP, PP