

AP21326AF-N**Polyclonal Antibody to Pyrophosphatase 1 / PPA1 - Azide Free**

Alternate names:	IOPPP, Inorganic pyrophosphatase, PP, PPase, Pyrophosphate phospho-hydrolase
Quantity:	10 mg
Concentration:	10 mg/ml
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.
Uniprot ID:	P00817
NCBI:	NP_009565
GeneID:	852296
Host / Isotype:	Rabbit / IgG
Immunogen:	Inorganic Pyrophosphatase is isolated and purified from Yeast. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilized purified Hyperimmune IgG fraction Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography Buffer System: PBS, pH 7.2 without preservatives and foreign proteins Reconstitution: Restore by adding 1.0 ml sterile distilled water
Applications:	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><i>Recommended Working Dilutions:</i></u> Non-precipitating antibody-binding techniques: 1/10,000-1/40,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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. Species: Yeast. Other species not tested.
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. Avoid repeated freezing and thawing. Shelf life: one year from despatch.