

## Product datasheet for **AP21364AF-N**

### Prostatic Acid Phosphatase (ACPP) Rabbit Polyclonal Antibody

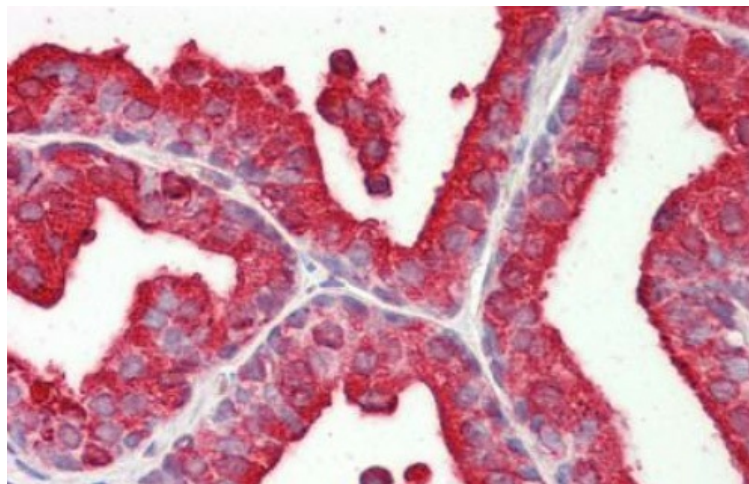
#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, ID, IF, IHC, IP, R, WB
<b>Recommended Dilution:</b>	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 the customer's own choice. Working dilutions in non-precipitating antibody-binding techniques: 1/100-1/1,000. Immunohistochemistry on Paraffin Sections: 1/200.
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Acid Phosphatase isolated and purified from Human seminal plasma. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Specificity:</b>	Acid Phosphatase from Human seminal plasma. 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>Formulation:</b>	PBS, pH 7.2 without preservatives and foreign proteins. State: Azide Free State: Lyophilized hyperimmune IgG fraction
<b>Reconstitution Method:</b>	Restore by adding 1.0 ml of sterile distilled water
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Ammonium Sulphate Precipitation and Ion Exchange Chromatography.
<b>Conjugation:</b>	Unconjugated



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<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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	acid phosphatase, prostate
<b>Database Link:</b>	<a href="#">Entrez Gene 55 Human P15309</a>
<b>Background:</b>	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 phosphoryl choline in semen and as a transferase.
<b>Synonyms:</b>	Prostate acid phosphatase, PAP, ACP3, PSAP
<b>Protein Families:</b>	Druggable Genome, Phosphatase, Transmembrane
<b>Protein Pathways:</b>	Riboflavin metabolism

**Product images:**

Formalin-Fixed, Paraffin-Embedded Human Prostate tissue stained with Acid Phosphatase Antibody at 1/200 after heat-induced antigen retrieval.