

## Product datasheet for **AP21208AF-N**

### Alpha-amylase 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 the customer's own choice.<br><b>Indirect immunofluorescence.</b><br><b>ELISA.</b><br><b>Dot blot,.</b><br><b>Immunoblotting.</b><br><i>Working Dilutions in non-precipitating antibody-binding techniques: 1/50,000-1/250,000.</i> |
| Reactivity:            | Bacillus sp.   |
| Host:                  | Rabbit   |
| Isotype:               | IgG  |
| Clonality:             | Polyclonal   |
| Immunogen:             | Alpha-Amylase isolated and purified from Bacillus subtilis.<br>Freund's complete adjuvant is used in the first step of the immunization procedure.   |
| Specificity:           | 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.<br>Cross-reactivities against enzymes of other sources may occur but have not been determined.   |
| Formulation:           | PBS, pH 7.2 without preservatives and foreign proteins<br>State: Azide Free<br>State: Lyophilized hyperimmune IgG fraction   |
| 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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|                       |   |
|-----------------------|---|
| <b>Conjugation:</b>   | Unconjugated  |
| <b>Storage:</b>       | Store lyophilized at 2-8°C for 6 months or at -20°C long term.<br>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.<br>Avoid repeated freezing and thawing. |
| <b>Stability:</b>     | Shelf life: one year from despatch.   |
| <b>Database Link:</b> | <a href="#">P00691</a>  |
| <b>Background:</b>    | Amylase catalyses the hydrolysis of internal 1,4 glucan links in large linear polymers at internal bonds. The enzyme is present in all living organisms with variable enzymatic activity.                               |