

## Product datasheet for **AP21225PU-N**

### CA1 (Erythrocytes) Rabbit Polyclonal Antibody

#### Product data:

|                               |  |
|-------------------------------|--|
| <b>Product Type:</b>          | Primary Antibodies   |
| <b>Applications:</b>          | ELISA, ID, IF, 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.<br>Working dilutions in non-precipitating antibody-binding techniques: Up to 1/60,000.   |
| <b>Reactivity:</b>            | Bovine   |
| <b>Host:</b>                  | Rabbit   |
| <b>Isotype:</b>               | IgG  |
| <b>Clonality:</b>             | Polyclonal   |
| <b>Immunogen:</b>             | Carbonic Anhydrase isolated and purified from Bovine Erythrocytes.<br>Freund's complete adjuvant is used in the first step of the immunization procedure.  |
| <b>Specificity:</b>           | The antibody recognizes Carbonic Anhydrase from Bovine Erythrocytes.<br>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. |
| <b>Formulation:</b>           | PBS, pH 7.2 stabilized with Dextran without preservatives and foreign proteins<br>State: Aff - Purified<br>State: Lyophilized purified hyperimmune IgG fraction  |
| <b>Reconstitution Method:</b> | Restore by adding 0.5 ml of sterile distilled water  |
| <b>Concentration:</b>         | lot specific   |
| <b>Purification:</b>          | Solid Phase Affinity Chromatography  |
| <b>Conjugation:</b>           | Unconjugated   |



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| <b>Storage:</b>       | 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.<br>If a slight precipitation occurs upon storage, this should be removed by centrifugation. |
| <b>Stability:</b>     | Shelf life: one year from despatch.   |
| <b>Database Link:</b> | <a href="#">Entrez Gene 510801 Bovine Q1LZA1</a>  |
| <b>Synonyms:</b>      | Carbonic anhydrase I, Carbonate dehydratase I, Carbonic anhydrase B, CA1, CAB, CA-I   |