

Product datasheet for **AP33085SU-N**

Porcine IgA (Fc specific) Rabbit Polyclonal Antibody

Product data:

Product Type: Secondary Antibodies

Product Name: Porcine IgA (Fc specific) Rabbit Polyclonal Antibody

Applications: ID, IP

Recommended Dilution: **Immunoprecipitation.**

Can be used in precipitating techniques as immunoelectrophoresis and radial immunodiffusion (Ouchterlony and Mancini) to identify the presence of IgA in swine serum and other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of swine IgA from serum or plasma. Antisera to IgA do not discriminate between serum IgA (monomeric and dimeric) and higher molecular forms such as secretory IgA. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays. For such uses labelled and unlabelled cytochemical and immunoassay grade reagents meeting the necessary additional specificity and performance requirements are available.

Recommended Working Dilutions:

Immunoelectrophoresis: Use 2 μ l or equivalent against 120 μ l antiserum.

Double Radial Immunodiffusion (Ouchterlony): Use a rosette arrangement with 10 μ l antiserum in a 3 mm diameter centre well and 2 μ l serum samples (neat and diluted) in 2 mm diameter peripheral wells.

Antibody titre: 1/32 when tested against pooled normal sheep serum in agar-block immunodiffusion titration.

Reactivity: Porcine

Host: Rabbit

Immunogen: Highly purified normal IgA isolated from pooled Swine serum.
Freund's complete adjuvant is used in the first step of the immunization procedure.

Formulation: State: Serum
State: Delipidated, heat inactivated lyophilized stable whole serum
Stabilizer: None
Preservative: None, as it may interfere with the antibody activity.

Reconstitution Method: Restore with 1 ml sterile distilled water.

Concentration: Total protein and IgG concentration in the antiserum are comparable to those of pooled rabbit serum. No foreign proteins added.



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- Conjugation:** Unconjugated
- 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.
- Note:** **Adsorption:** Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies crossreacting with other components of the immunoglobulin system or reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.