

Product datasheet for **AP33089SU-N**

Porcine IgA (secretory) Rabbit Polyclonal Antibody

Product data:

Product Type: Secondary Antibodies

Product Name: Porcine IgA (secretory) Rabbit Polyclonal Antibody

Applications: ID, IP

Recommended Dilution: **Precipitation.**

Can be used in precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgA in swine milk or other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of swine IgA from serum or exocrine secretions. Antisera to IgA or sIgA 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. This does not exclude the use of the antiserum in more sensitive techniques if proper controls are included.

Recommended Dilutions:

Immunoelectrophoresis: Use 2 µl or equivalent against 120 µl antiserum.

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

Antibody Titre: Precipitin titre not less than 1/32 when tested against pooled normal swine serum in agar-block immunodiffusion titration.

Reactivity: Porcine

Host: Rabbit

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

Formulation: State: Serum
State: Lyophilized, Delipidated, Heat inactivated, Stable Whole Antiserum without preservatives

Reconstitution Method: Restore by adding 1 ml of sterile distilled water

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

Conjugation: Unconjugated



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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 cross-reacting 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.