

## Product datasheet for **AP33059SU-N**

### Guinea Pig IgA (Fc specific) Sheep Polyclonal Antibody

#### Product data:

**Product Type:** Secondary Antibodies

**Product Name:** Guinea Pig IgA (Fc specific) Sheep Polyclonal Antibody

**Applications:** ID, IP

**Recommended Dilution:** **Immunoprecipitation.**

Can be used in precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgA in guinea pig serum or other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of guinea pig IgA from serum or plasma. This antiserum is not intended for use in non-precipitating antibodybinding or other highly sensitive assays. This does not exclude such use if [roper controls are included.

*Directions for Use:*

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 1/40 when tested against normal guinea pig serum in agar block titration.

**Reactivity:** Guinea Pig

**Host:** Sheep

**Immunogen:** Highly purified normal IgA isolated from pooled guinea pig serum.  
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 sheep 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.