

Product datasheet for **AP21444SU-N**

Albumin Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IP
Recommended Dilution:	<p>As precipitating antiserum to identify or measure duck albumin by a variety of immunodiffusion techniques, including immunoelectrophoresis, single and double radial immunodiffusion (Mancini, Ouchterlony) and electroimmunodiffusion (Laurell). It has not been tested for use in nephelometry, ELISA or immunochemistry, but this does not exclude such use if proper controls are included.</p> <p><u>Recommended working dilutions:</u></p> <p>Immunoelectrophoresis: 2 µl serum, plasma or equivalent against 120 µl antiserum.</p> <p>In double radial immunodiffusion (Ouchterlony): a rosette arrangement with 10 µl antiserum in a 3 mm diameter centre well and 2 µl serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.</p> <p>Single radial immunodiffusion and electroimmunodiffusion: 0.5 to 1.0 % antiserum in the agar gel.</p> <p><u>Antibody titre:</u> Precipitin titre not less than 1/64 when tested against normal duck serum in agar block immunodiffusion titration.</p>
Reactivity:	Duck
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly purified albumin isolated from duck serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	<p>The defined antibody specificity is directed to albumin as tested against duck sera. In immunoelectrophoresis and double radial immunodiffusion (Ouchterlony), using various antiserum concentrations against appropriate concentrations of the immunogen, a single characteristic precipitin line is obtained which shows a reaction of identity with the precipitin lines obtained against duck serum and the purified albumin.</p> <p><u>Cross-reactivity:</u> Inter-species cross-reactivity is a normal feature of antibodies to serum proteins, since homologous proteins of different species frequently share antigenic determinants. The degree of cross-reactivity is also dependent on the concentrations of the reactants and the sensitivity of the assay arrangement.</p> <p>This antiserum has not been tested for cross-reactivity.</p>



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Formulation:	State: Serum State: Lyophilized (delipidated, heat inactivated) stable whole antiserum without preservatives
Reconstitution Method:	Restore by adding 1,0 ml of sterile distilled water
Concentration:	Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added.
Conjugation:	Unconjugated
Storage:	Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	A1YZ84
Synonyms:	ALB, BSA, HSA, Serum Albumin
Note:	<u>Adsorption:</u> Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.