

Product datasheet for **AP31443SU-N**

Albumin (DNP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ID, IP
Recommended Dilution:	Can be used in precipitating techniques as Immunoelectrophoresis and Radial Immunodiffusion (Ouchterlony and Mancini) and electroimmunodiffusion (Laurell) to identify the presence of albumin or albuminDNP in monkey serum or other body fluids and to determine its concentration. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays, but this does not exclude such use if proper controls are included.
	Directions for use
	Immunoelectrophoresis: Use 2 µl serum or equivalent or DNP-conjugates against 120 µl antiserum.
	Double Radial Immunodiffusion: Use a rosette arrangement with 10 µl antiserum in 3 mm diameter centre well and 2 µl serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.
	Single Radial Immunodiffusion (Mancini): Use 0.5 to 1% antiserum in the agar gel.
Reactivity:	Monkey
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified albumin isolated from pooled monkey serum, coupled to dinitrophenol. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	The reactivity of the antiserum is restricted to Albumin and AlbuminDNP as tested in immunoelectrophoresis and radial immunodiffusion. A characteristic single precipitin line is obtained with normal serum which shows a reaction of identity with the precipitin line with purified albumin. Cross-reactivity: Inter-species cross reactivity is a normal feature of antibodies to serum proteins, since homologous proteins of different species frequently share antigenic determinants. Crossreactivity of this antiserum has not been tested in detail, however a reaction has been observed with human albumin, chicken ovalbuminDNP, but not with native chicken ovalbumin.



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Formulation:	State: Serum State: Delipidated, heat inactivated, Lyophilized, stable whole antiserum Stabilizer: No foreign proteins added. Preservative: None
Reconstitution Method:	Restore with 1 ml sterile distilled water
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at 2-8°C. Following reconstitution store the antibody undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	A2V9Z4
Synonyms:	ALB, BSA, HSA, Serum Albumin
Note:	Adsorption: 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.