

Product datasheet for **AP31547AF-N**

Alb Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IP, WB
Recommended Dilution:	The cytochemical grade of GARa/Alb/7S allows its use in different types of highly sensitive immunoassays on appropriately treated cell and tissue substrates; in radioimmunoassay; for the production of immunoconjugates with a selected marker; to prepare immunoaffinity adsorbents by coupling to an artificial carrier; in non-isotopic methodology based on solid phase immunochemistry (e.g. ELISA), both as catching antibody and detection reagent; in Western blotting. This product is not pre-diluted. The optimum working dilution of each product should be established by titration before being used. <u>Working dilutions:</u> For histochemical and cytochemical use are usually between 1/100 and 1/500. In ELISA and comparable non-precipitating antibody-binding assays are between 1/1000 and 1/10000.
Reactivity:	Rat
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Highly purified albumin isolated from rat serum. Freund's complete adjuvant is used in the first step of the immunization procedure.



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Specificity:	<p>The defined antibody specificity is directed to albumin as tested against rat 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 rat serum and the purified albumin.</p> <p><u>Cross-reactivity:</u> Inter-species cross-reactivity is a normal feature of antibodies to mammalian serum proteins, since homologous proteins of different species frequently share antigenic determinants. The degree of crossreactivity is also dependent on the concentrations of the reactants and the sensitivity of the assay arrangement. This antiserum fraction has been tested for cross-reactivity by double radial immunodiffusion against several species sera with the following results:</p> <ul style="list-style-type: none">- cow, chicken, goat and sheep+ horse, dog, human, swine and monkey++ mouse and guinea pig± rabbit
Formulation:	<p>PBS, pH 7.2 No preservative added, as it may interfere with the antibody activity. No foreign proteins added. State: Azide Free State: Lyophilised hyperimmune Ig fraction</p>
Reconstitution Method:	Restore with 1 ml sterile distilled water
Concentration:	lot specific
Purification:	DEAE-column Chromatography
Conjugation:	Unconjugated
Storage:	<p>Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.
Gene Name:	albumin
Database Link:	Entrez Gene 24186 Rat P02770
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.