

Product datasheet for **AP32990SU-N**

Tf Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ID, IP
Recommended Dilution:	<p>This antibody can be used in precipitating techniques as Immunelectrophoresis and Single and Double Radial Immunodiffusion to identify the presence Transferrin in Rat serum or other body fluids and to determine its concentration.</p> <p>This antiserum has not been tested in more sensitive assays as Nephelometry, ELISA or use in Immunohistology, but this does not exclude such use if proper controls are included.</p> <p><i>Recommended Dilutions:</i></p> <p>Immunelectrophoresis: Use 2 µl or equivalent against 120 µl antiserum.</p> <p>Double Radial Immunodiffusion (Ouchterlony): Use a rosette arrangement with 10 µl in a 3 mm diameter center well and 2 µl serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.</p> <p><i>Precipitin titre:</i> 1/32 when tested against pooled normal Rat serum in agar-block Immunodiffusion titration.</p>
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	<p>Purified transferrin isolated from pooled Rat serum.</p> <p>Freund's complete adjuvant is used in the first step of the immunization procedure.</p>
Specificity:	<p>The reactivity of the antiserum is restricted to Transferrin as tested in Immunelectrophoresis 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 Transferrin.</p> <p>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.</p>
Formulation:	<p>State: Serum</p> <p>State: Lyophilized, Delipidated, Heat inactivated, Stable Whole Antiserum without preservatives.</p>
Reconstitution Method:	Restore by adding 1 ml of sterile distilled water.



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Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added.
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	transferrin
Database Link:	Entrez Gene 24825 Rat P12346
Synonyms:	Serotransferrin, Siderophilin