

Product datasheet for **AP21445SU-N**

Transferrin (TF) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IHC, IP, WB
Recommended Dilution:	<p>This antibody can be used in precipitating techniques as Immuno-electrophoresis and Single and Double Radial Immunodiffusion to identify the presence of Transferrin in duck 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><u>Recommended Dilutions:</u></p> <p>Immuno-electrophoresis: 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>Precipitin titre: 1/32 when tested against pooled normal Duck serum in agar-block Immunodiffusion titration.</p>
Reactivity:	Duck
Host:	Goat
Clonality:	Polyclonal
Immunogen:	<p>Purified transferrin isolated from pooled duck 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 Immuno-electrophoresis 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><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. Cross-reactivity of this antiserum has not been tested in detail, however in immuno-electrophoresis a reaction has been observed with chicken and pigeon.</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 and reconstituted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid Repeated thawing and freezing.
Stability:	Shelf life: one year from despatch.
Database Link:	P56410
Synonyms:	Ovotransferrin