

Product datasheet for **AP31544SU-N**

Trf Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ID, IP
Recommended Dilution:	Can be used in precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion to identify the presence transferrin in mouse serum or other body fluids and to determine its concentration. 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. <u>Directions for use:</u> In immunoelectrophoresis use 2 µl serum or equivalent against 120 µl antiserum. In 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.
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Purified transferrin isolated from pooled mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	The reactivity of the antiserum is restricted to transferrin 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 transferrin. <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. Crossreactivity of this antiserum has not been tested in detail.
Formulation:	No preservative added. No foreign proteins added. State: Serum State: Delipidated, heat inactivated, lyophilized, stable whole antiserum
Reconstitution Method:	Restore with 1,0 ml sterile distilled water.
Conjugation:	Unconjugated



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Storage:	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.
Stability:	Shelf life: one year from despatch.
Gene Name:	transferrin
Database Link:	Entrez Gene 22041 Mouse Q92111
Synonyms:	Serotransferrin, Siderophilin
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.