

Datasheet for ABIN458546 **anti-Transferrin antibody**



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Overview

Quantity:	1 mL
Target:	Transferrin (TF)
Reactivity:	Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Transferrin antibody is un-conjugated
Application:	ELISA, Immunoelectrophoresis (IEP), Nephelometry (Neph)

Product Details

Immunogen:	Purified transferrin isolated from pooled swine serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	Inter-species cross-reactivity is a normal feature of antibodies to serum proteins, since homologous proteins of different species frequently share antigenic determinants. of this antiserum has not been tested in detail, however tested in double radial immunodiffusion against several sera the following results were obtained: bovine - cat - chicken - dog - duck - guinea pig - hamster - horse - human - monkey - mouse - pigeon - rat - sheep - turkey -
Characteristics:	Precipitating polyclonal goat antiserum to swine transferrin
Purification:	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.

Target Details

Target:	Transferrin (TF)
Alternative Name:	Transferrin (TF Products)
Background:	The reactivity of the antiserum is restricted to transferrin as tested in immunoelectro-phoresis 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
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	In precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion to identify the presence transferrin in swine 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.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added. Antibody titre: Precipitin titre 1:32 when tested against pooled normal swine serum in agar-block immunodiffusion titrations
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole antiserum
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day.