

Datasheet for ABIN458711
anti-Transferrin antibody



[Go to Product page](#)

1 Publication

Overview

Quantity:	1 mL
Target:	Transferrin (TF)
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transferrin antibody is un-conjugated
Application:	ELISA, Immunodiffusion (ID), Immunoelectrophoresis (IEP), Nephelometry (Neph), Radial Immunodiffusion (RID)

Product Details

Immunogen:	Purified transferrin isolated from pooled rat 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 in double radial immunodiffusion (Ouchterlony) a reaction with mouse transferrin has been observed.
Characteristics:	Precipitating polyclonal rabbit antiserum to rat 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 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
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 rat 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 rabbit serum. No foreign proteins added. Antibody titre: Precipitin titre 1:64 when tested against pooled normal rat serum in agar-block immunodiffusion titrati
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 add ing 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 ref rozen, and preferably used the same day.

Publications

Product cited in: Diez-Caballero, Castilla-Cortázar, García-Fernández, Puche, Díaz-Sánchez, Casares, Aliaga-Montilla, Rodríguez-Borrajó, González-Barón: "Little effects of insulin-like Growth Factor-I on testicular atrophy induced by hypoxia." in: **BMC urology**, Vol. 6, pp. 4, (2006) ([PubMed](#)).