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Datasheet for ABIN457975 **anti-SERPINA7 antibody**

Overview

Quantity:	1 mL
Target:	SERPINA7
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SERPINA7 antibody is un-conjugated
Application:	Immunodiffusion (ID), Immunoelectrophoresis (IEP), Radial Immunodiffusion (RID)

Product Details

Immunogen:	Thyroxine binding is a protein with a molecular weight of 55,700 kD. The protein is binding thyroxine as well as triiodothyronine. In immunoelectrophoresis it has a alpha mobility. The mean concentration in normal human serum is about 40 µ g/ml. Elevated levels are observed during oestrogen administration, pregnancy hypothyroidism. Reduced levels are observed in hypothyroidism. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	The antiserum does not cross react with any other component of human plasma. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins since they frequently share antigenic determinants. of this antiserum has not been tested in detail.
Characteristics:	Precipitating polyclonal goat antiserum to human thyroxine binding globulin
Purification:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate

Product Details

antibodies reacting with other plasma proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

Target Details

Target:	SERPINA7
Alternative Name:	Thyroxine Binding Globulin (SERPINA7 Products)
Background:	The reactivity of the antiserum is restricted to thyroxine binding globulin. In immuno-electrophoresis and radial immunodiffusion (Ouchterlony), using various antiserum concentrations against fresh normal human plasma a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified thyroxine binding globulin. No reaction is obtained with any other plasma protein component or serum
Pathways:	Hormone Transport

Application Details

Application Notes:	In precipitating techniques as immunoelectrophoresis and single or double radial immunodiffusion to identify the presence of thyroxine binding globulin in human plasma or other body fluids or to determine its concentration. The presence of non-precipitating antibodies has not been assayed. This does not exclude the use in non-precipitating antibody-binding techniques 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 1:16 when tested against pooled normal human plasma in agar-block immunodiffusion titrat
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole antiserum
Preservative:	Without preservative
Storage:	4 °C