



[Go to Product page](#)

## Datasheet for ABIN458103 **anti-Cortisol Binding Globulin antibody**

### Overview

Quantity:	1 mL
Target:	Cortisol Binding Globulin
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cortisol Binding Globulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoelectrophoresis (IEP)

### Product Details

Immunogen:	Cortisol binding globulin is an alpha-1 glycoprotein with a molecular weight of 55,700. It is bonding and transporting cortisol in plasma. The mean concentration in adult serum is about 50 $\mu$ g/ml. Elevated levels are observed in pregnancy. 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 plasma proteins, since homologous proteins of different species frequently share antigenic determinants. of this antiserum has not been tested in detail.
Characteristics:	Precipitating polyclonal rabbit antiserum to human cortisol binding globulin (transcortin)
Purification:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other human serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the

## Product Details

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antiserum.

## Target Details

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Target:	Cortisol Binding Globulin
Alternative Name:	Cortisol Binding Globulin (Transcortin) ( <a href="#">Cortisol Binding Globulin Products</a> )
Background:	Tested in immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against human plasma a single precipitin line is obtained and shows a reaction of full identity with the purified immunogen. The antiserum does not react with any other protein component of human serum or plasma

## Application Details

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Application Notes:	In precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion (Mancini, Ouchterlony) to identify the presence of cortisol binding globulin or to determine its concentration. The presence of non-precipitating antibodies has not been assayed. This does not exclude the use of the antiserum in non-precipitating antibody-binding techniques as ELISA and Western blotting if proper controls are included.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Reconstitute with 1 mL distilled water
Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of normal pooled rabbit serum. No foreign proteins added. Antibody titre: Precipitin titre not less than 1:16 when tested against normal human serum in agar-block immunodiffusion
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole serum.
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.