

## Product datasheet for **AP31525SU-N**

### SERPINA6 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ID, IP
Recommended Dilution:	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.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
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 µg/ml. Elevated levels are observed in pregnancy. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	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. <u>Cross-reactivity:</u> Inter-species cross-reactivity is a normal feature of antibodies to plasma 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 serum.
Reconstitution Method:	Restore by adding 1 ml sterile distilled water
Conjugation:	Unconjugated
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.



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<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	serpin family A member 6
<b>Database Link:</b>	<a href="#">Entrez Gene 866 Human P08185</a>
<b>Synonyms:</b>	Corticosteroid-binding globulin, Transcortin, Serpin A6
<b>Note:</b>	Source: 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 µg/ml. Elevated levels are observed in pregnancy. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Protein Families:</b>	Druggable Genome, Secreted Protein