

Product datasheet for **AP21474SU-N**

Properdin (CFP) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ID, IP
Recommended Dilution:	Can be used in precipitating techniques as Immuno-electrophoresis and single or Double Radial Immunodiffusion. 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 if proper controls are included. <i>Recommended Dilutions:</i> Immuno-electrophoresis: Use 2 µl human plasma or equivalent against 120 µl antiserum. Double Radial Immunodiffusion: Use a rosette arrangement with 10 µl antiserum in 3 mm diameter center well and 2 µl plasma samples (neat and serially diluted) in 2 mm diameter peripheral wells. Single Radial Immunodiffusion: Use 1% antiserum in the gel. <i>Antibody Titre:</i> Precipitin titre 1/8 when tested against normal Human Serum in agar-block immunodiffusion titration.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	The antigen has been isolated from pooled Human plasma. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	The defined antibody specificity is restricted to Properdin as tested at the level of sensitivity of immunoprecipitation techniques. A single precipitin line is obtained in immuno-electrophoresis, bidimensional electrophoresis and double radial immunodiffusion (Ouchterlony) against normal plasma, which shows a reaction of identity with the precipitated purified properdin. No reaction is obtained with any other plasma protein. 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. Cross-reactivity of this antiserum has not been tested in detail.



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Formulation:	0.2M Tris, 0.5M NaCl, pH7.6 State: Serum State: Liquid delipidated, defibrinated and 0.2µm filtered serum Preservative: 0.09% Sodium Azide
Concentration:	Total protein and IgG concentrations in the antiserum is approximately 20 mg/ml.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement factor properdin
Database Link:	Entrez Gene 5199 Human P27918
Background:	Properdin is a factor of the alternative complement activation pathway. It has a molecular weight of 222,000 and consists of four peptide chains. Properdin is stabilizing the C3 convertase C3bBb. The mean concentration in plasma is 20 mg/ml.
Synonyms:	CFP, PFC, Complement factor P
Note:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate 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.
Protein Families:	Secreted Protein