

Product datasheet for **AP21467SU-N**

Kininogen 1 (KNG1) (LMW Isoform) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ID, IP
Recommended Dilution:	Can be used as precipitating antiserum in Electroimmunodiffusion, Immunoelectrophoresis and Radial Immunodiffusion. This does not exclude the use of the antiserum in more sensitive techniques if proper controls are included. In Electroimmunodiffusion (Laurell) the amount of antiserum required in the agarose gel is usually between 1 and 2%, depending on the test arrangement. <u>Antibody titre.</u> Precipitin titre not less than 1/32 when tested against normal Human plasma in agarblock immunodiffusion titration.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly purified Molecular Weight Kininogen isolated from pooled plasma. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	The defined antibody specificity is to Human High Molecular Weight Kininogen. In Immunoelectrophoresis, bi-dimensional Electrophoresis and Radial Immunodiffusion (Ouchterlony, Mancini), using various antiserum concentrations against normal plasma, one single precipitin line is obtained. No precipitation is observed against plasma of patients with high molecular weight kininogen deficiency, but its presence can be demonstrated in normal serum. In Double Radial Immunodiffusion the precipitin line obtained against normal plasma shows a reaction of full identity with the precipitin line with purified high molecular weight kininogen. The antiserum does not cross-react with any other human plasma proteins as tested in gel-diffusion techniques. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins, since homologous proteins of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail, however in Double Radial Immunodiffusion a reaction with Monkey has been observed.
Formulation:	State: Serum State: Lyophilized, Delipidated, Heat inactivated, Stable Whole Serum without preservatives
Reconstitution Method:	Restore by adding 1 ml of sterile distilled water.



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Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid Repeated thawing and freezing.
Stability:	Shelf life: one year from despatch.
Gene Name:	kininogen 1
Database Link:	Entrez Gene 3827 Human P01042
Synonyms:	Fitzgerald factor, KNG1, BDK, KNG
Note:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other dog serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Complement and coagulation cascades