

AP31532SU-N**Polyclonal Antibody to Lipoproteins (alpha+beta) - Serum**

Quantity:	1 ml
Uniprot ID:	P08519
NCBI:	NP_001054
GeneID:	7018
Host:	Goat
Immunogen:	Lipoproteins form a heterogeneous system of protein-lipid-carbohydrate complexes which provides highly efficient transport of phospholipids, glycolipids, fatty acids, mono-, di- and triglycerides, cholesterol and cholesteroles. Concentrations in normal human serum is 230-490 mg/100 ml. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Delipidated, heat inactivated, lyophilized, stable whole antiserum Buffer System: No preservative added. No foreign proteins added. Reconstitution: Restore with 1 ml sterile distilled water
Applications:	Can be used in precipitating techniques as immunoelectrophoresis and single or double radial immunodiffusion to identify the presence of alpha-1lipoprotein 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 of the antiserum in more sensitive non-precipitating antibody-binding techniques if proper controls are included. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The reactivity of the antiserum is restricted to lipoproteins. In immunoelectrophoresis and radial immunodiffusion (Ouchterlony), using various antiserum concentrations against fresh normal human plasma three precipitin lines are obtained. No reaction is obtained with any other plasma protein component or serum. Cross-reactivity: The antiserum does not cross react with any other component of human plasma. Interspecies 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. Species: Human. Other species not tested.
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. Shelf life: one year from despatch.