

APOB

Goat Anti-Human Apolipoprotein B Affinity Purified pAb

Catalog No.	CPA102	Quantity:	100 µg
Alternate Names:	ApoB-100, ApoB-48, FLDB, LDL		
Gene ID:	338		
Description:	Goat Anti-Human Apolipoprotein B Affinity Purified polyclonal antibody. Apolipoprotein B consists of a single polypeptide chain with a molecular weight of 549 kDa and is mostly synthesized in the liver. It is a major apolipoprotein of very low density, intermediate density and low density lipoproteins (LDL) as well as being a major component of lipoprotein (a). Apolipoprotein B is a ligand for the LDL receptor and elevated levels are associated with premature atherosclerosis. Normal plasma apolipoprotein B levels are around 800 mg/L.		
Concentration:	1 mg/ml		
Specificity:	Human		
Host:	Goat		
Immunogen:	Apolipoprotein purified from human plasma		
Formulation:	Liquid in PBS, pH 7.2 + 50% glycerol + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Biospecific affinity chromatography		
Cross-Reactivity:	Shows negligible cross-reactivity (<1%) with type A-I, A-II, C-I, C-II, C-III, E, and J apoLipoproteins.		
Applications:	Western Blot ELISA Immunoprecipitation Immunohistochemistry		
Application Notes:	For Western Blot, use a working dilution of 0.5-1 µg/ml. For ELISA, use a working dilution of 0.5-1 µg/ml. For Immunoprecipitation, use a working dilution of 5-10 µg/ml. For Immunohistochemistry, use a working dilution of 5-10 µg/ml. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

