

Product datasheet for **BP2056HRP**

Apolipoprotein B (APOB) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Can be used to detect the existence of Apo B-48/100 in plasma and lipoproteins for Immunoassay and Immunoblot. Dilution range for Immunoblot and ELISA: 1/2,500-1/10,000.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Human LDL.
Specificity:	Binds to Human Apo B-48/100. No cross- reaction with human Apo AI, Apo AII, Apo CI, Apo CII, Apo CIII and Apo E.
Formulation:	50 mM PBS, 0.1M Sodium Chloride, pH 7.4 containing 10 mg/ml BSA as stabilizer and 0.01% Thimerosal as preservative. Label: HRP State: Lyophilized purified Ig fraction. Label: Horseradish Peroxidase
Reconstitution Method:	Restore with 1.0 ml distilled water. Centrifuge product if not completely clear after standing for 1-2 hours at room temperature.
Concentration:	lot specific
Purification:	Human Apolipoprotein B-100 Sepharose Affinity Chromatography.
Conjugation:	HRP
Storage:	Store the lyophilized antibody at 2-8°C. Store the antibody after reconstitution for several weeks at 2-8°C. Prepare working dilution only prior to immediate use. For extended storage after reconstitution, we suggest the addition of an equal volume of glycerol to make a final glycerol concentration of 50% followed by storage at -20°C. The concentration of protein and buffer salts will decrease to one-half of the original after the addition of glycerol. Avoid repeated freezing and thawing.



[View online »](#)

Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein B
Database Link:	Entrez Gene 338 Human P04114
Background:	Apolipoprotein B consists of a single polypeptide chain with a molecular weight of 549 kDa and is mostly synthesised 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.
Synonyms:	ApoB, Apo-B, ApoB100, ApoB-100