

Product datasheet for **BP2050**

Apolipoprotein B (APOB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ID, WB
Recommended Dilution:	Radial Immunodiffusion Assay. Immunoblotting. <i>Recommended starting Dilution: 1/500.</i>
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Mouse low density lipoprotein (LDL). Mouse Apo B48 purified from pooled mouse plasma very low-density lipoprotein.
Specificity:	Recognizes Apo B48 and B100 as these proteins are highly conserved.
Formulation:	State: Serum State: Liquid Neat Serum with 0.05% Sodium Azide as preservative. Product is 0.22 µm filtered. Heat inactivated. Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Upon receipt, aliquot and store at -20 to -70°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein B
Database Link:	Entrez Gene 338 Human P04114



[View online »](#)

Background: Apolipoprotein B consists of a single polypeptide chain with a molecular weight of 516 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 800mg/L.

Synonyms: ApoB, Apo-B, ApoB100, ApoB-100