

BP2190**Polyclonal Antibody to Apolipoprotein A II / Apo AII - Aff - Purified****Alternate names:**

APOA2, Apo-AII, ApoA-II, Apolipoprotein A-II, Apolipoprotein A2

Quantity:

0.5 mg

Concentration:

0.8 mg/ml (OD280nm, E0.1% = 1.35)

Background:

Apolipoprotein A II is the second most abundant protein of the high density lipoprotein particles. The apolipoprotein A II gene consists of 4 exons and 3 introns. The four exons encode the 5' untranslated region, pre peptide, a short N terminal domain and a C terminal domain composed of a variable number of lipid binding amphipathic helices. Familial apolipoprotein A II deficiency may result from a splice junction alteration which blocks splicing of intron 3 from the primary transcript and result in the formation of a non functional mRNA.

Uniprot ID:[P02652](#)**NCBI:**[NP_001634.1](#)**GeneID:**[336](#)**Host:**

Rabbit

Format:**State:** Liquid purified Ig fraction.**Purification:** Human Apo AII Sepharose affinity column.**Buffer System:** 75 mM PBS, 75 mM NaCl, pH 7.2 with 0.02% sodium azide as preservative.**Applications:**

Can be used to detect the existence of Apo AII in plasma and lipoproteins, for immunoassay, immunoblot, enzyme conjugation or biotinylation. Dilution for immunoblot and ELISA: 1/200-1/20,000.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Specifically binds to human Apo AII.

Storage:

Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: One year from despatch.