

APOB Recombinant antibody

Cat:B36251S**Company:** HaoKebio**Uniprot ID:**P04114**Applications:** IHC:1:50-1:500**Organism:**Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity:Human Mouse

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 516 kDa

WB:1:2000-1:10000

Observed Molecular Weight: 150-250, 400-520 kDa**Background:**

The apolipoprotein B (APOB) is a plasma protein synthesized primarily in the liver and intestine and play an important role in lipid and cholesterol metabolism. The APOB encodes two different isoproteins through mRNA editing, APOB-48 and APOB-100. APOB-48 and APOB-100 is present in both human liver and intestine. APOB-100 is essential for the assembly of VLDL in the liver. APOB-48 is essential for the assembly of chylomicrons in the intestine. It is well established that APOB-100 levels are associated with coronary heart disease. Unlike humans and rabbits, rats and mice secrete both apoB-100- and apoB-48-containing lipoproteins from the liver as a result of the hepatic expression of APOBEC-1. This antibody recognizes both of APOB-48, APOB-100.

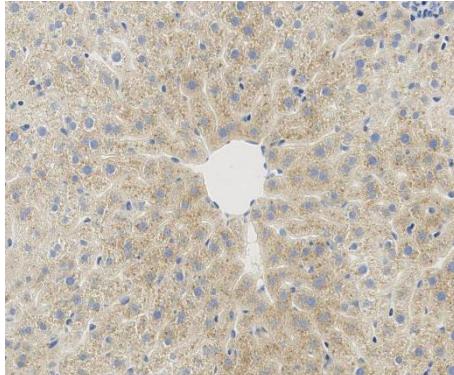
PBS with 0.02% sodium azide,100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:

Sample: Mouse liver, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注: APOB(B36251S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: APOB(B36251S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Synonyms:

Apolipoprotein B, 240884H4, Apo B, Apo B-100, ApoB100

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer: