

## 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 isoforms 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.

### 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:

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

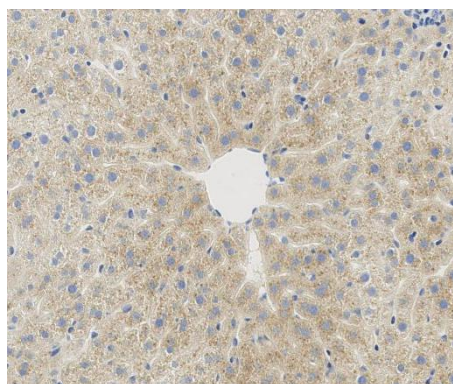
### Storage:

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:

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