PAC003Ra01

Polyclonal Antibody to Apolipoprotein B (APOB)

Organism Species: *Rattus norvegicus (Rat)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 100µl

Cross Reactivity:

Applications: WB,IHC

[IMMUNOGEN]

Immunogen: Recombinant APOB (Phe2747~Leu2913) expressed in *E.coli*

Accession No.:

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

[IDENTIFICATION]

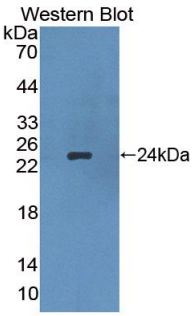
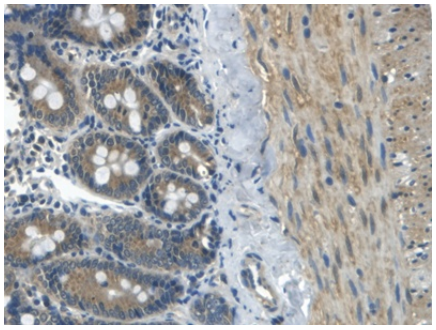
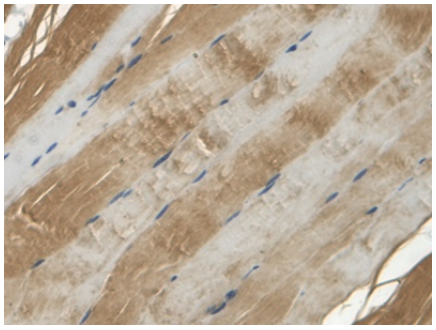


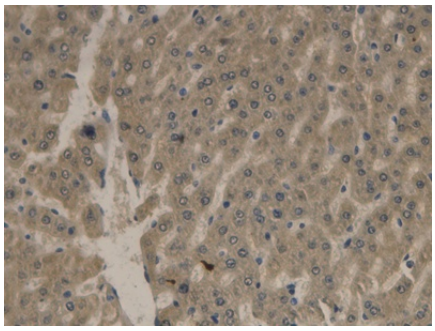
Figure. Western Blot; Sample: Recombinant APOB, Rat.



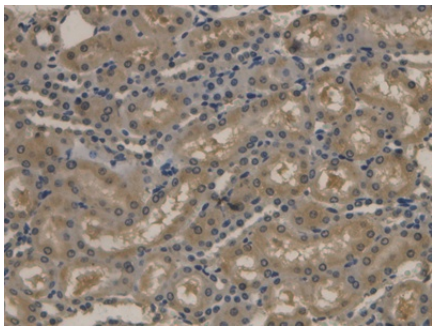
DAB staining on IHC-P; Samples: Rat Small intestine Tissue; Primary Ab: 20μg/ml Rabbit Anti-Rat APOB Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



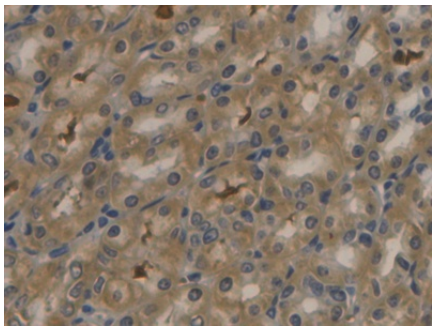
DAB staining on IHC-P; Samples: Rat Skin Tissue; Primary Ab: 20μg/ml Rabbit Anti-Rat APOB Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



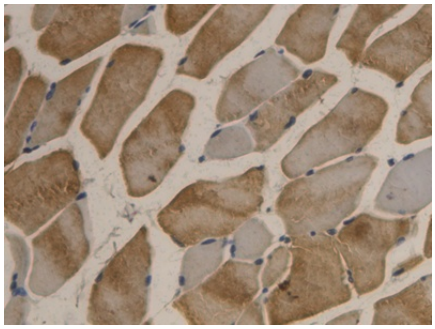
DAB staining on IHC-P; Samples: Rat Liver Tissue; Primary Ab: 20μg/ml Rabbit Anti-Rat APOB Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



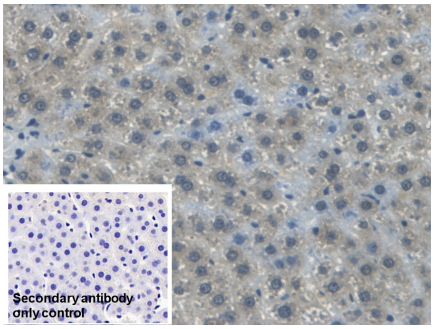
DAB staining on IHC-P; Samples: Rat Kidney Tissue; Primary Ab: 20μg/ml Rabbit Anti-Rat APOB Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



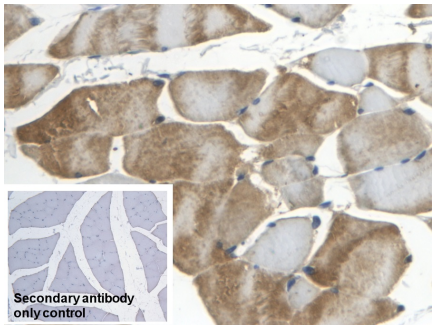
DAB staining on IHC-P; Samples: Rat Stomach Tissue; Primary Ab: 20μg/ml Rabbit Anti-Rat APOB Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Rat Skeletal muscle Tissue;
Primary Ab: 20μg/ml Rabbit Anti-Rat APOB Antibody
Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Rat Liver Tissue
Primary Ab: 20μg/ml Rabbit Anti-Rat APOB Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Rat Skeletal muscle Tissue
Primary Ab: 20μg/ml Rabbit Anti-Rat APOB Antibody
Control: Used PBS instead of primary antibody
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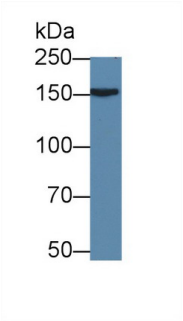
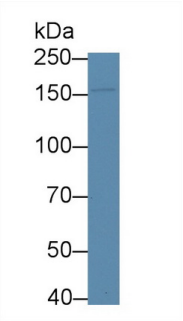
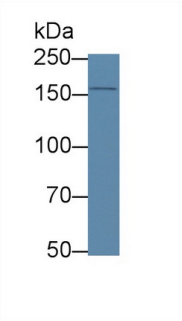


Western Blot; Sample: Rat Liver lysate;
Primary Ab: 3μg/ml Rabbit Anti-Rat APOB Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Rat Small intestine lysate;
Primary Ab: 3μg/ml Rabbit Anti-Rat APOB Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Human HepG2 cell lysate;
Primary Ab: 3μg/ml Rabbit Anti-Rat APOB Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.