

PAA252Hu01

Polyclonal Antibody to Apolipoprotein C1 (APOC1)

Organism Species: *Homo sapiens (Human)*

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: Mouse

Applications: WB; IHC; ICC/IF; FCM

[IMMUNOGEN]

Immunogen: Recombinant APOC1 (Ser31~Ser83) expressed in *E.coli*

Accession No.: RPA252Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunofluorescence: 5-30µg/mL;

Flow cytometry: 20µg/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.

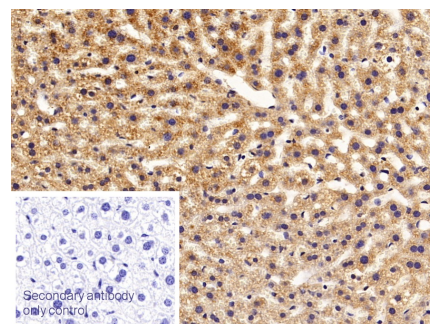
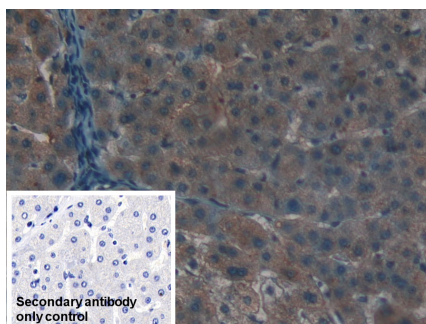
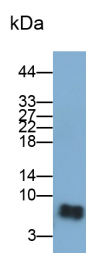
Store at 4°C for frequent use.

Aliquot and store at -20°C 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.

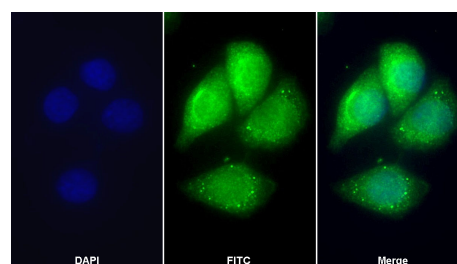
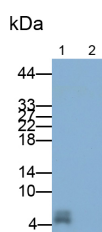
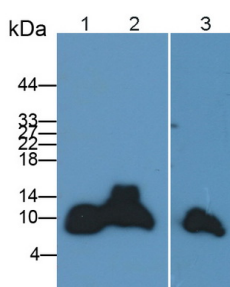
[IDENTIFICATION]



Western Blot; Sample: Human Placenta lysate Primary Ab: 0.2µg/ml Rabbit Anti-Human APOC1 Antibody Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human APOC1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Sample: Mouse Liver Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human APOC1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Human Serum; Lane2: Human Placenta lysate; Lane3: Mouse Liver lysate Primary Ab: 0.2µg/ml Rabbit Anti-Human APOC1 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

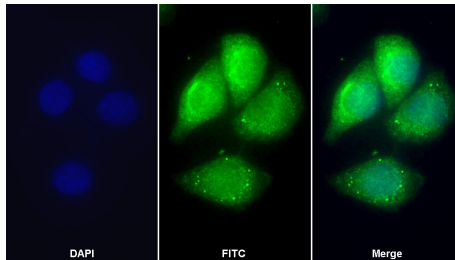
Western Blot; Samples: Lane1: HepG2 treated with BFA for 24 hours, cell supernatant; Lane2: Untreated HepG2 cell lysate; Primary Ab: 0.1µg/ml Rabbit Anti-Human APOC1 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

FITC staining on IF; Sample: HeLa cell Primary Ab: 30µg/ml Rabbit Anti-Human APOC1 Antibody Second Ab: 2µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb11)

(Catalog: SAA544Rb19) Selected

Antibody

(Catalog: SAA544Rb19)



FITC staining on IF;

Sample: Human Hela cell;

Primary Ab: 30ug/ml Rabbit Anti-

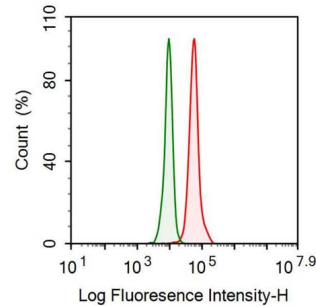
Human APOC1 Antibody

Second Ab: 2μg/ml FITC-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb18)



Human HepG2 cell was fixed with 2%

paraformaldehyde (10 min) ,

permeabilised with 0.1% BSA-Triton

X-100, then stained with 20μg/ml rabbit

Anti-human APOC1 Polyclonal

Antibody (Catalog PAA252Hu01, red

histogram) or Isotype control antibody

(Catalog IS067-Rb01, green

histogram), followed by 1μg/ml FITC-

conjugated Anti-rabbit IgG Secondary

Antibody (Catalog SAA544Rb18).

[**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.