

PAA603Bo01

Polyclonal Antibody to Apolipoprotein B100 (APOB100)

Organism Species: *Bos taurus*; Bovine (Cattle)

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: 10µL

Cross Reactivity: N/A

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant APOB100 (Thr4331~Phe4567) expressed in *E.coli*

Accession No.: RPA603Bo01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 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 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]

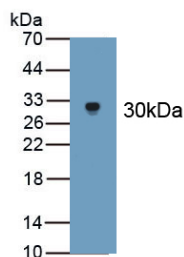
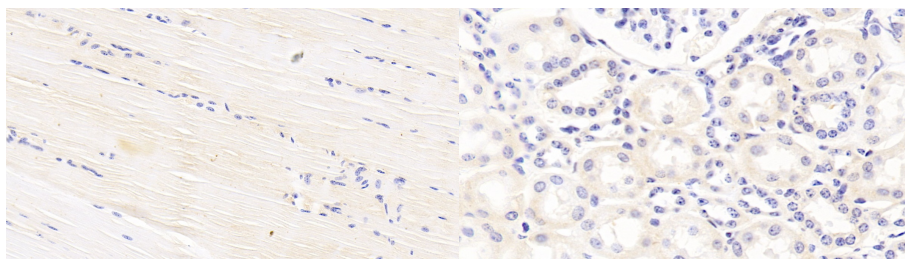
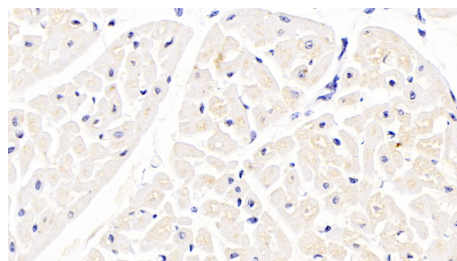


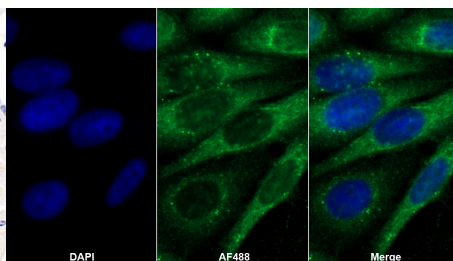
Figure. Western Blot; Sample:
Recombinant APOB100, Cattle.



DAB staining on IHC-P; Samples:	DAB staining on IHC-P;
Bovine Skeletal muscle Tissue; Primary	Samples: Bovine Kidney Tissue;
Ab: 30µg/ml Rabbit Anti-Bovine	Primary Ab: 30µg/ml Rabbit Anti-Bovine
APOB100 Antibody Second Ab:	APOB100 Antibody
2µg/mL HRP-Linked Caprine Anti-	Second Ab: 2µg/mL HRP-Linked
Rabbit IgG Polyclonal Antibody	Caprine Anti-Rabbit IgG Polyclonal
(Catalog: SAA544Rb19)	Antibody
	(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Bovine Cardiac Muscle
Tissue;
Primary Ab: 30µg/ml Rabbit Anti-Bovine
APOB100 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



AF488 staining on IF;
Sample: HepG2 cell
Primary Ab: 20µg/ml Rabbit Anti-Bovine
APOB100 Antibody
Second Ab: 2µg/mL AF488-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb11)

[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.