

PAB859Ra01

Polyclonal Antibody to Lectin Like Oxidized Low Density Lipoprotein Receptor 1 (LOX1)

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: 10µL

Cross Reactivity: Mouse

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant LOX1 (Thr51~Ser314 (Accession # O70156)) expressed in *E.coli*

Accession No.: RPB859Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

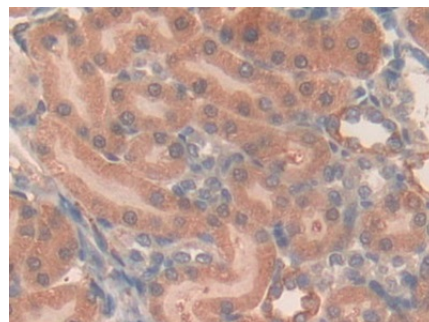
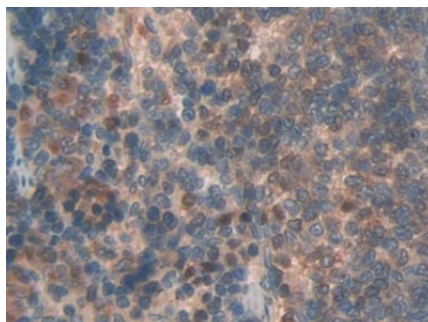
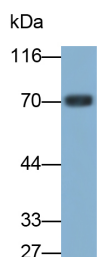
Store at 4°C for frequent use.

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.

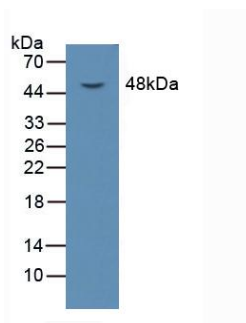
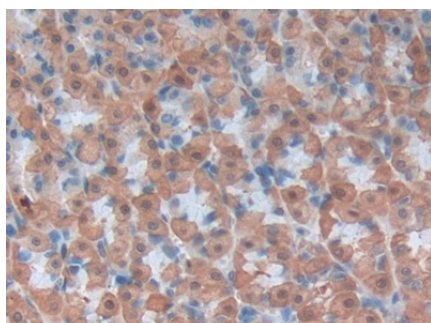
[IDENTIFICATION]



Western Blot; Sample: Rat Heart lysate
Primary Ab: 0.5µg/ml Rabbit Anti-Rat
LOX1 Antibody Second Ab: 0.2µg/ml
HRP-Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)

DAB staining on IHC-P; Samples: Rat
Spleen Tissue; Primary Ab: 20µg/ml
Rabbit Anti-Rat LOX1 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
LOX1 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
LOX1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Figure. Western Blot; Sample: Mouse
Liver Tissue.

[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.