

PAB017Po01

Polyclonal Antibody to Alpha-2-Macroglobulin (a2M)

Organism Species: *Sus scrofa*; Porcine (Pig)

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: 50µL

Cross Reactivity: Human

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant a2M (Lys1097~Cys1357) expressed in *E.coli*

Accession No.: RPB017Po01

[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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

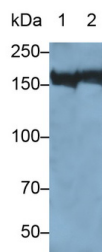
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

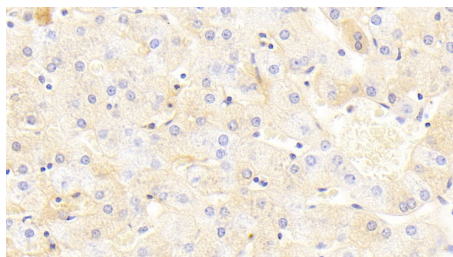
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

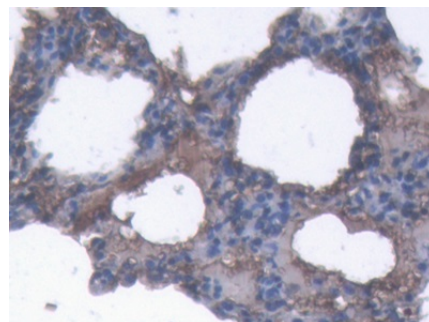
[IDENTIFICATION]



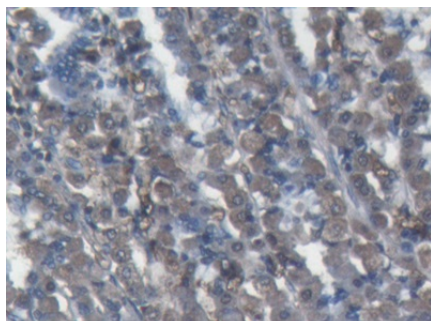
Western Blot; Sample: Lane1: Porcine Serum; Lane2: Porcine Plasma Primary Ab: 0.01µg/ml Rabbit Anti-Porcine a2M Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



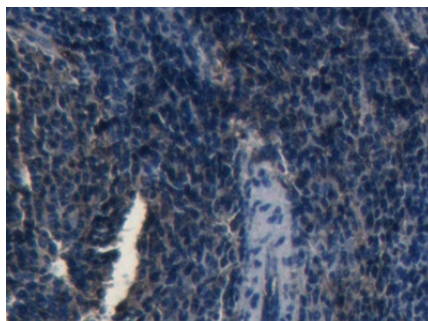
DAB staining on IHC-P; Samples: Porcine Liver Tissue; Primary Ab: 20µg/ml Rabbit Anti-Porcine a2M Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



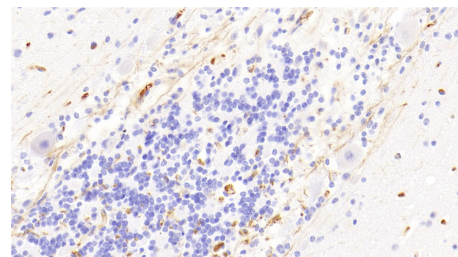
DAB staining on IHC-P; Samples: Porcine Lung Tissue; Primary Ab: 20µg/ml Rabbit Anti-Porcine a2M Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



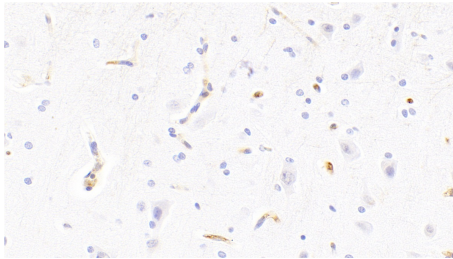
DAB staining on IHC-P; Samples: Porcine Stomach Tissue; Primary Ab: 20µg/ml Rabbit Anti-Porcine a2M Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Porcine Spleen Tissue; Primary Ab: 20µg/ml Rabbit Anti-Porcine a2M Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Porcine Cerebellum Tissue; Primary Ab: 10?g/ml Rabbit Anti-Porcine a2M Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



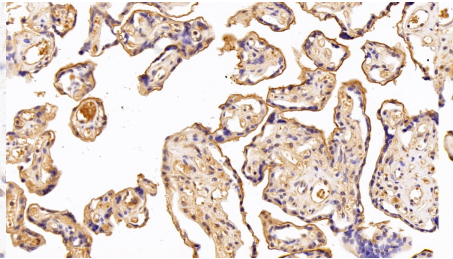
DAB staining on IHC-P;

Samples: Porcine Cerebrum Tissue;

Primary Ab: 10²g/ml Rabbit Anti-Porcine a2M Antibody

Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



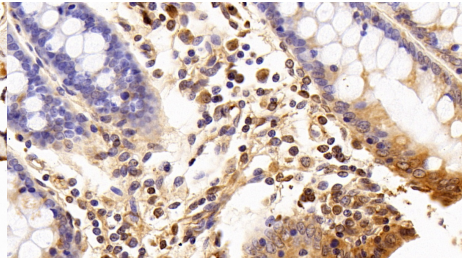
DAB staining on IHC-P;

Sample: Human Placenta Tissue;

Primary Ab: 20 μ g/ml Rabbit Anti-Porcine a2M Antibody

Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



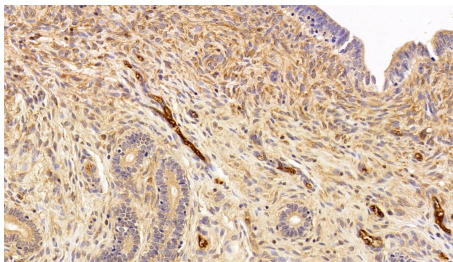
DAB staining on IHC-P;

Sample: Porcine Colon Tissue;

Primary Ab: 20 μ g/ml Rabbit Anti-Porcine a2M Antibody

Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



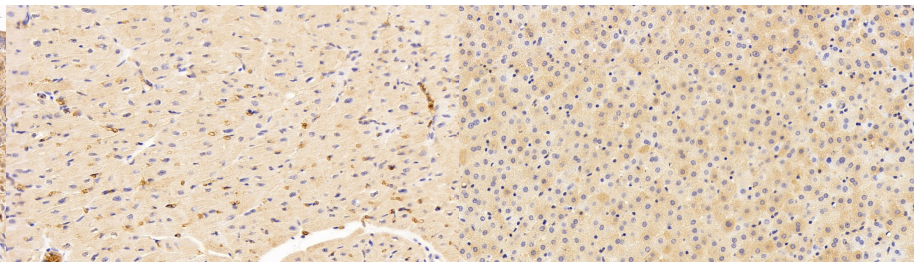
DAB staining on IHC-P;

Sample: Porcine Uterus Tissue;

Primary Ab: 20 μ g/ml Rabbit Anti-Porcine a2M Antibody

Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



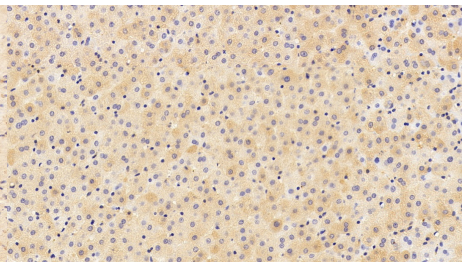
DAB staining on IHC-P;

Sample: Porcine Cardiac Muscle Tissue;

Primary Ab: 20 μ g/ml Rabbit Anti-Porcine a2M Antibody

Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



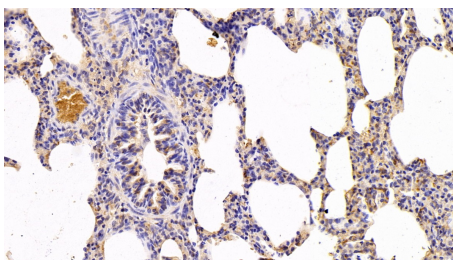
DAB staining on IHC-P;

Sample: Porcine Liver Tissue;

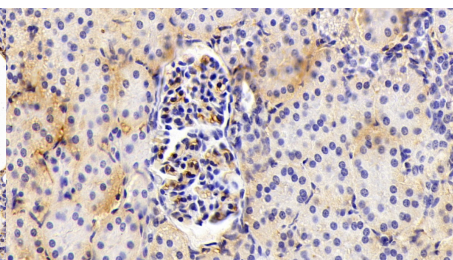
Primary Ab: 20 μ g/ml Rabbit Anti-Porcine a2M Antibody

Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

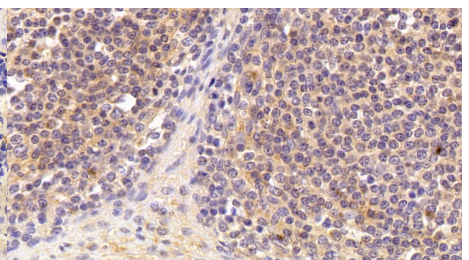
(Catalog: SAA544Rb19)



DAB staining on IHC-P;



DAB staining on IHC-P;



DAB staining on IHC-P;

Sample: Porcine Lung Tissue;
Primary Ab: 20µg/ml Rabbit Anti-
Porcine a2M Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Sample: Porcine Kidney Tissue;
Primary Ab: 20µg/ml Rabbit Anti-
Porcine a2M Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Sample: Porcine Lymph node Tissue;
Primary Ab: 20µg/ml Rabbit Anti-
Porcine a2M Antibody
Second Ab: 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.