

PAA259Ra01

Polyclonal Antibody to Annexin V (ANXA5)

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: 50µL

Cross Reactivity: Human;Mouse;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant ANXA5 (Met1~Asp319) expressed in *E.coli*

Accession No.: RPA259Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunofluorescence: 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.

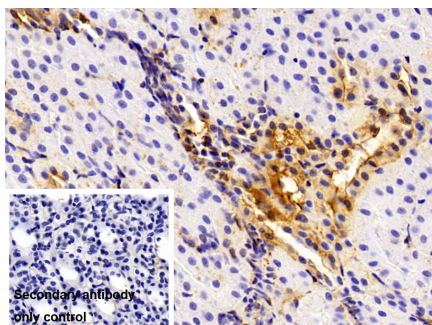
Store at 4°C for frequent use.

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

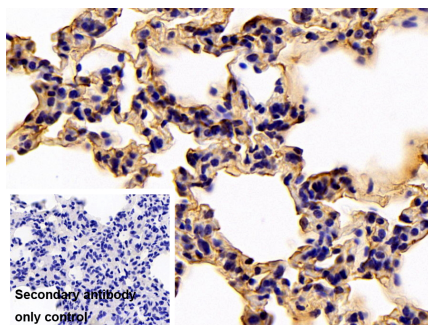
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

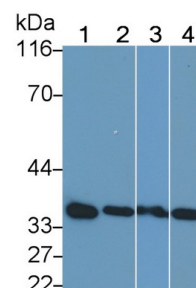
[IDENTIFICATION]



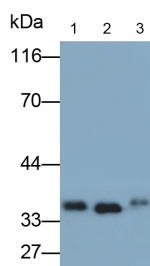
DAB staining on IHC-P; Sample: Rat Kidney Tissue
Primary Ab: 10 μ g/ml Rabbit Anti-Rat ANXA5 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



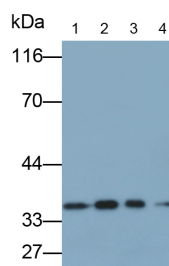
DAB staining on IHC-P; Sample: Rat Lung Tissue
Primary Ab: 10 μ g/ml Rabbit Anti-Rat ANXA5 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



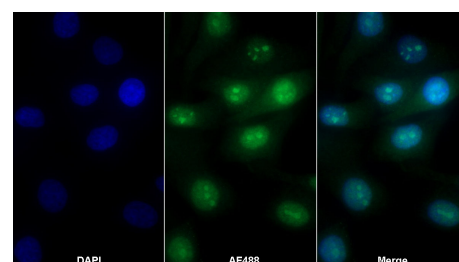
Western Blot; Sample: Lane1: Rat Lung lysate; Lane2: Mouse Lung lysate; Lane3: Human Lung lysate; Lane4: Porcine Lung lysate
Primary Ab: 0.1 μ g/ml Rabbit Anti-Rat ANXA5 Antibody
Second Ab: 0.2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Human Placenta lysate; Lane2: Rat Placenta lysate; Lane3: Mouse Placenta lysate;
Primary Ab: 0.05 μ g/ml Rabbit Anti-Rat ANXA5 Antibody
Second Ab: 0.2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal



Western Blot; Samples: Lane1: HeLa cell lysate; Lane2: HepG2 cell lysate; Lane3: A549 cell lysate; Lane4: 293T cell lysate;
Primary Ab: 0.05 μ g/ml Rabbit Anti-Rat ANXA5 Antibody
Second Ab: 0.2 μ g/ml HRP-Linked



AF488 staining on IF; Sample: HeLa cell
Primary Ab: 20 μ g/ml Rabbit Anti-Rat ANXA5 Antibody
Second Ab: 2 μ g/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb11)

Antibody
(Catalog: SAA544Rb19)

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.