

PAA626Mu01

Polyclonal Antibody to Caspase 3 (CASP3)

Organism Species: *Mus musculus* (Mouse)

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: Porcine

Applications: WB; IHC; ICC/IF

[**IMMUNOGEN**]

Immunogen: Recombinant CASP3 (Ser29~Asp175) expressed in *E.coli*

Accession No.: RPA626Mu01

[**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 PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

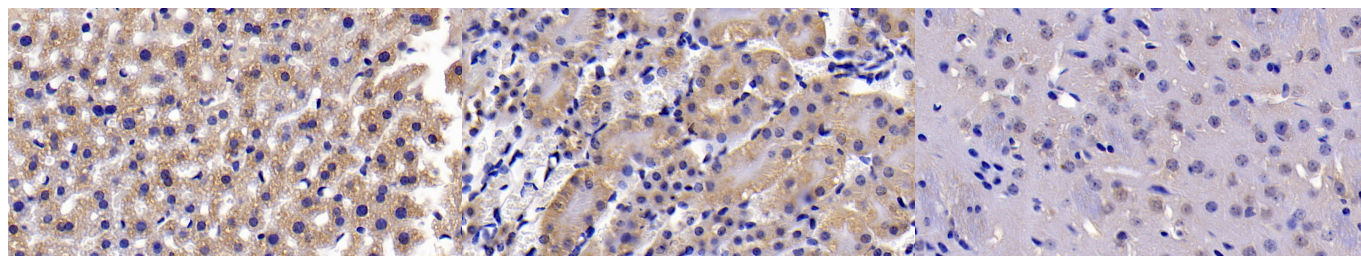
Store at 4°C for frequent use.

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: Mouse

Liver Tissue; Primary Ab: 30µg/ml

Rabbit Anti-Mouse CASP3 Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P;

Sample: Mouse Kidney Tissue;

Primary Ab: 30µg/ml Rabbit Anti-Mouse

CASP3 Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

DAB staining on IHC-P;

Sample: Mouse Cerebrum Tissue;

Primary Ab: 30µg/ml Rabbit Anti-Mouse

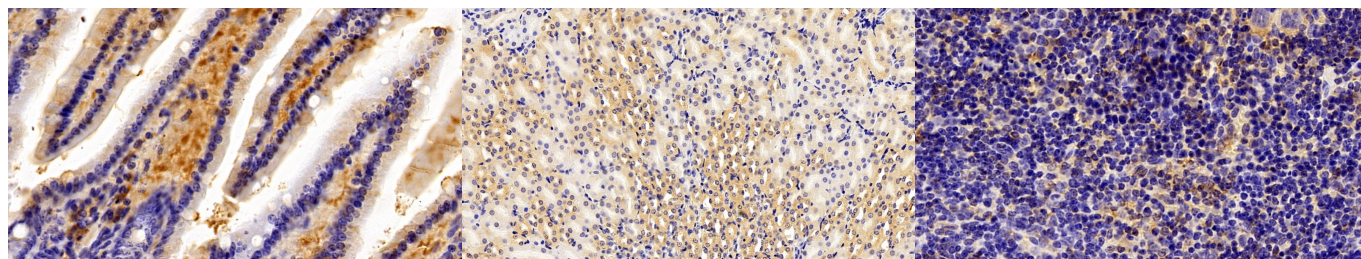
CASP3 Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Small intestine Tissue;

Primary Ab: 10ug/ml Rabbit Anti-Mouse

CASP3 Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

DAB staining on IHC-P;

Sample: Mouse Kidney Tissue;

Primary Ab: 10ug/ml Rabbit Anti-Mouse

CASP3 Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

DAB staining on IHC-P;

Sample: Mouse Spleen Tissue;

Primary Ab: 10ug/ml Rabbit Anti-Mouse

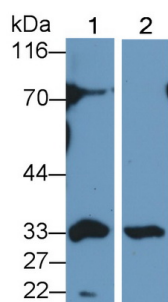
CASP3 Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

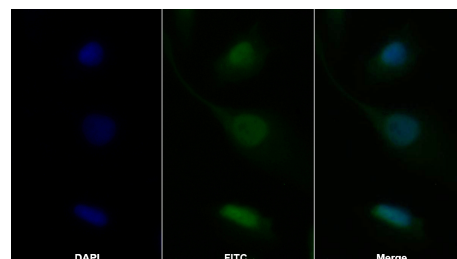
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Mouse Spleen lysate; Lane2: Mouse Liver lysate
Primary Ab: 0.2?g/ml Rabbit Anti-Mouse CASP3 Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: 3T3-L1 cell lysate
Primary Ab: 0.1μg/ml Rabbit Anti-Mouse CASP3 Antibody
Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



FITC staining on IF;
Samples: Human U2OS cell;
Primary Ab: 20?g/ml Rabbit Anti-Mouse CASP3 Antibody
Second Ab: 1.5?g/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal 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.