

PAA626Ra01

Polyclonal Antibody to Caspase 3 (CASP3)

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: Human;Mouse;Porcine.

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

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

Accession No.: RPA626Ra01

[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]

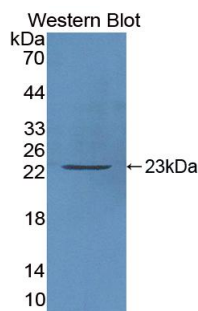
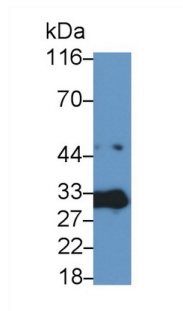
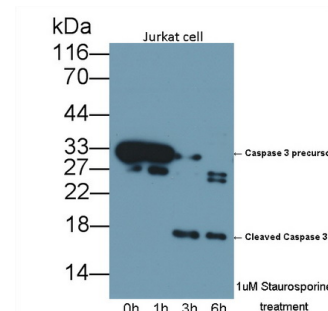


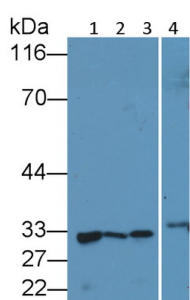
Figure. Western Blot; Sample: Recombinant CASP3, Rat.



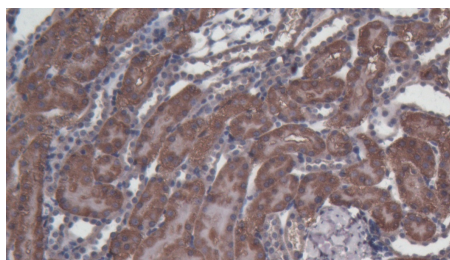
Western Blot; Sample: Mouse Lung lysate
Primary Ab: 0.1 µg/ml Rabbit Anti-Rat CASP3 Antibody
Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



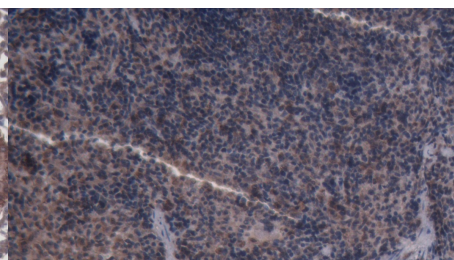
Western blot shows lysates of Jurkat cell line treated with 1 µM staurosporine (STS) for the indicated times.
Primary Ab: 2 µg/ml Rabbit Anti-Rat CASP3 Antibody
Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Porcine Liver lysate; Lane2: Porcine Lung lysate; Lane3: Porcine Spleen lysate; Lane4: Jurkat cell lysate
Primary Ab: 0.1 µg/ml Rabbit Anti-Rat CASP3 Antibody
Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal



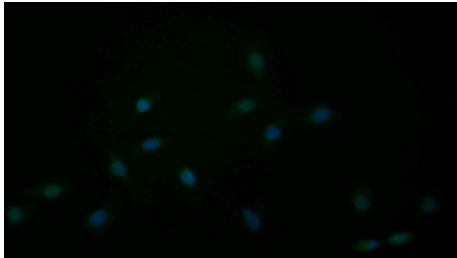
DAB staining on IHC-P;
Samples: Rat Kidney Tissue;
Primary Ab: 20 µg/ml Rabbit Anti-Rat CASP3 Antibody
Second Ab: 2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Rat Spleen Tissue;
Primary Ab: 20 µg/ml Rabbit Anti-Rat CASP3 Antibody
Second Ab: 2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

Antibody

(Catalog: SAA544Rb19)



FITC staining on IF;

Samples: Human U2OS cell;

Primary Ab: 20?g/ml Rabbit Anti-Rat

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.