

PAA599Mu01

Polyclonal Antibody to Granzyme A (GZMA)

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: Human;Rat;Porcine

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant GZMA (Ile29~Val260) expressed in *E.coli*

Accession No.: RPA599Mu01

[APPLICATIONS]

Western blotting: 0.01-5μg/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]

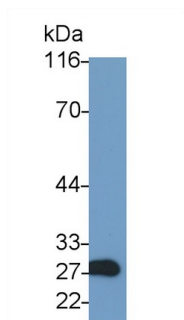
Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

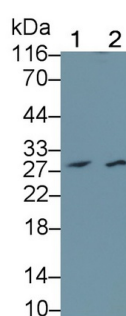
Aliquot and store at -20°C for 24 months.

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.

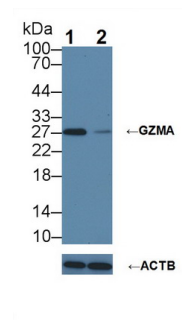
[IDENTIFICATION]



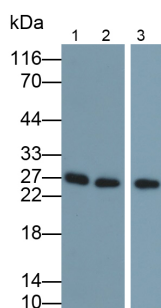
Western Blot; Sample: Rat Kidney
lysate Primary Ab: 0.8?g/ml Rabbit Anti-
Mouse GZMA Antibody Second Ab:
0.2µg/mL HRP-Linked Caprine Anti-
Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Mouse
Lung lysate; Lane2: Porcine Kidney
lysate
Primary Ab: 1.5µg/ml Rabbit Anti-
Mouse GZMA Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Knockout Varification:
Lane 1: Wild-type Jurkat cell lysate;
Lane 2: GZMA knockout Jurkat cell
lysate;
Predicted MW: 29kDa
Observed MW: 27kDa
Primary Ab: 5µg/ml Rabbit Anti-Mouse
GZMA Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Mouse
Kidney lysate; Lane2: Porcine Kidney
lysate; Lane3: Jurkat cell lysate;
Primary Ab: 2µg/ml Rabbit Anti-Mouse
GZMA Antibody
Second Ab: 0.2?g/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.