

PAK115Mu01

Polyclonal Antibody to NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)

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: 0.37mg/mL

UOM: 100µL

Cross Reactivity: Human

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant NLRP3 (Cys671~Trp1033) expressed in *E.coli*

Accession No.: RPK115Mu01

[APPLICATIONS]

Western blotting: 0.01-2µg/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]

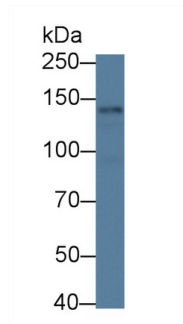
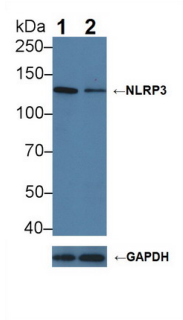
Storage: Avoid repeated freeze/thaw cycles.

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]



Knockout Verification:

Lane 1: Wild-type K562 cell lysate;

Lane 2: NLRP3 knockout K562 cell lysate;

Predicted MW: 96,112,118kDa

Observed MW: 130kDa

Primary Ab: 1µg/ml Rabbit Anti-Mouse NLRP3 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

Western Blot; Sample: Human K562

cell lysate;

Primary Ab: 1µg/ml Rabbit Anti-Mouse NLRP3 Antibody

Second Ab: 0.2µg/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.