

PAA071Bo01

Polyclonal Antibody to Interleukin 1 Alpha (IL1a)

Organism Species: *Bos taurus*; Bovine (Cattle)

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: 20μL

Cross Reactivity: Mouse;Porcine

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant IL1a (Ile109~Val251) expressed in *E.coli*

Accession No.: RPA071Bo01

[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]

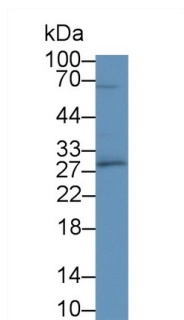
Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

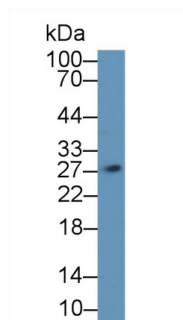
Aliquot and store at -20°C for 24 months.

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.

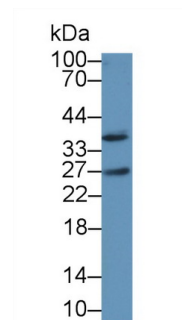
[IDENTIFICATION]



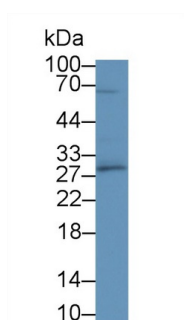
Western Blot; Sample: Mouse Lung
lysate; Primary Ab: 2µg/ml Rabbit Anti-
Bovine IL1a Antibody Second Ab:
0.2µg/mL HRP-Linked Caprine Anti-
Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



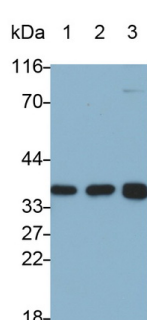
Western Blot; Sample: Bovine Lung
lysate;
Primary Ab: 2µg/ml Rabbit Anti-Bovine
IL1a Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Bovine Kidney
lysate;
Primary Ab: 2µg/ml Rabbit Anti-Bovine
IL1a Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Mouse Lung
lysate;
Primary Ab: 2µg/ml Rabbit Anti-Bovine
IL1a Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Bovine
Lung lysate; Lane2: Bovine Kidney
lysate; Lane3: Porcine Lung lysate
Primary Ab: 0.2µg/ml Rabbit Anti-
Bovine IL1a 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.