

PAB515Mu01

Polyclonal Antibody to Interleukin 1 Receptor Associated Kinase 2 (IRAK2)

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: 20µL

Cross Reactivity: Human;Rat

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant IRAK2 (Asp209~Glu458) expressed in *E.coli*

Accession No.: RPB515Mu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/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.

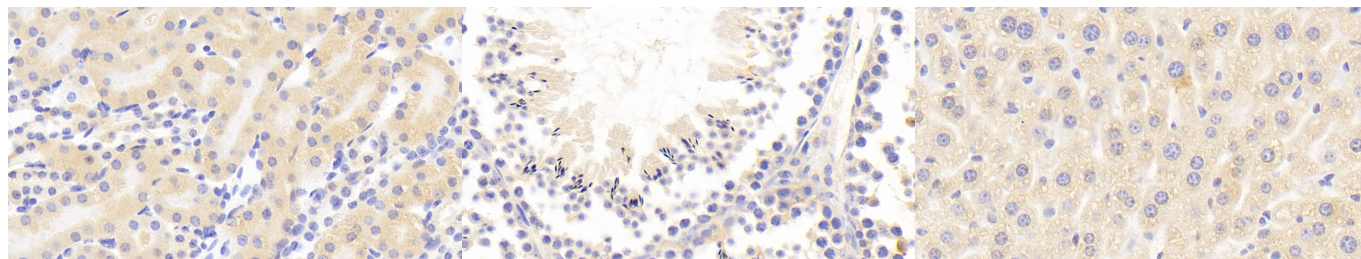
Store at 4°C for frequent use.

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.

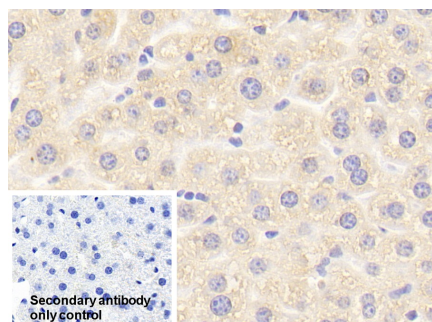
[IDENTIFICATION]



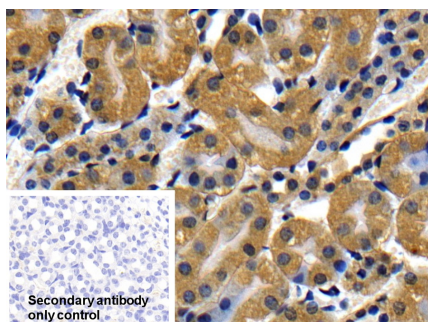
DAB staining on IHC-P; Samples:
Mouse Kidney Tissue; Primary Ab:
20 µg/ml Rabbit Anti-Mouse IRAK2
Antibody Second Ab: 2 µg/ml HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)

DAB staining on IHC-P;
Samples: Mouse Testis Tissue;
Primary Ab: 20 µg/ml Rabbit Anti-Mouse
IRAK2 Antibody
Second Ab: 2 µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
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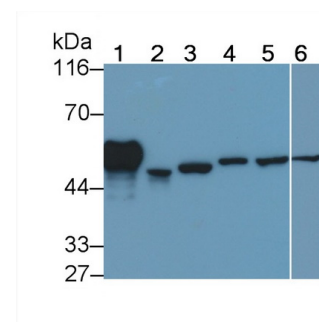
DAB staining on IHC-P;
Samples: Mouse Liver Tissue;
Primary Ab: 20 µg/ml Rabbit Anti-Mouse
IRAK2 Antibody
Second Ab: 2 µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Mouse Liver Tissue
Primary Ab: 20 µg/ml Rabbit Anti-Mouse
IRAK2 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2 µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Mouse Kidney Tissue
Primary Ab: 20 µg/ml Rabbit Anti-Mouse
IRAK2 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2 µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: K562 cell
lysate; Lane2: Rat Heart lysate; Lane3:
Rat Spleen lysate; Lane4: Mouse
Spleen lysate; Lane5: Mouse Lung
lysate? Lane6: Mouse Thymus lysate
Primary Ab: 0.4 µg/ml Rabbit Anti-
Mouse IRAK2 Antibody
Second Ab: 0.2 µg/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.