

PAC343Mu01

Polyclonal Antibody to Heat Shock 70kDa Protein 5 (HSPA5)

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: 0.26mg/mL

UOM: 10µL

Cross Reactivity: Human

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant HSPA5 (Gln261~Glu470) expressed in *E.coli*

Accession No.: RPC343Mu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/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.

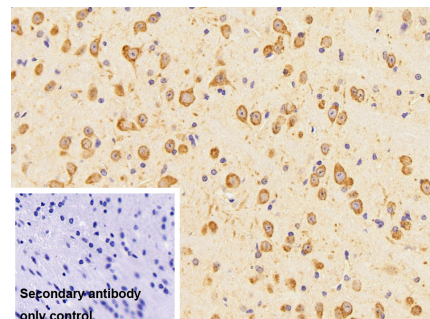
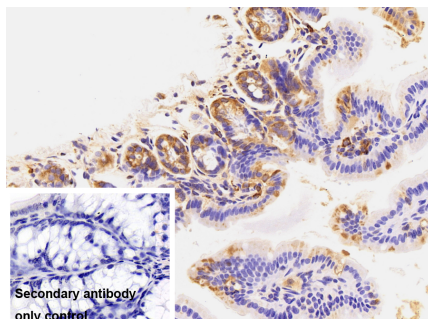
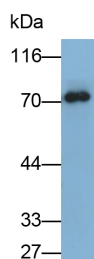
Store at 4°C for frequent use.

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]



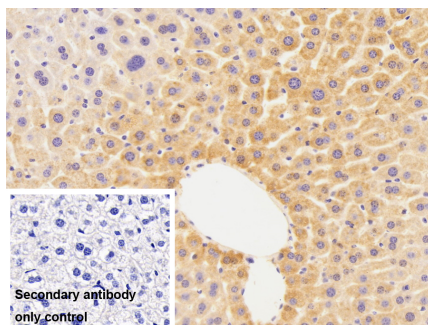
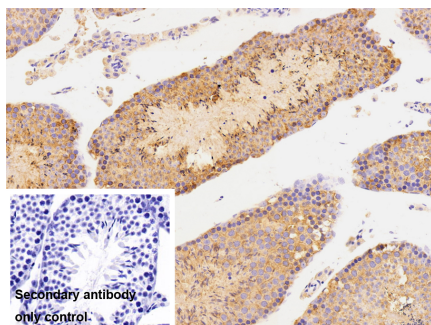
Western Blot; Sample: 293F cell lysate DAB staining on IHC-P; Sample: Mouse

Primary Ab: 0.02μg/ml Rabbit Anti-Mouse HSPA5 Antibody Second Ab: 0.2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

Colon Tissue Primary Ab: 10μg/ml Rabbit Anti-Mouse HSPA5 Antibody Control: Used PBS instead of primary antibody Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P;

Sample: Mouse Cerebrum Tissue Primary Ab: 10μg/ml Rabbit Anti-Mouse HSPA5 Antibody Control: Used PBS instead of primary antibody Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P;

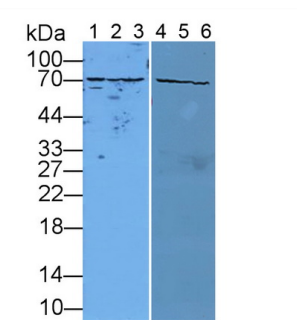
Sample: Mouse Testis Tissue

Primary Ab: 10μg/ml Rabbit Anti-Mouse HSPA5 Antibody Control: Used PBS instead of primary antibody Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

DAB staining on IHC-P;

Sample: Mouse Liver Tissue

Primary Ab: 10μg/ml Rabbit Anti-Mouse HSPA5 Antibody Control: Used PBS instead of primary antibody Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



Western Blot; Sample: Lane1: Mouse Liver lysate; Lane2: Mouse Cerebrum lysate; Lane3: Mouse Kidney lysate; Lane4: Human BXP3 cell lysate; Lane5: Human HepG2 cell lysate; Lane6: Mouse Lung lysate

Primary Ab: 3μg/mL Rabbit Anti-Mouse HSPA5 Antibody Second Ab: 0.2μg/mL HRP-Linked

(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)

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.