

**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

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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:** 0.3mg/ml

**UOM:** 100µl

**Cross Reactivity:** Human;Mouse

**Applications:** WB; IHC; ICC; IP.

**[ IMMUNOGEN ]**

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

**Accession No.:** RPC343Mu01

**[ APPLICATIONS ]**

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 5-30µg/mL;

Optimal working dilutions must be determined by end user.

**[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 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 ]

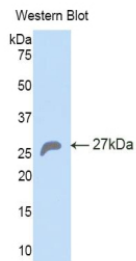
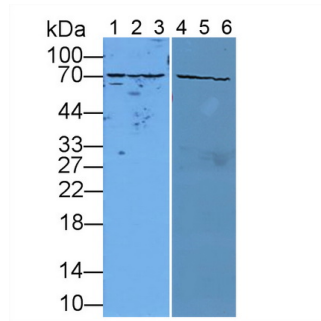


Figure. Western Blot; Sample: Recombinant HSPA5, Mouse.



Western Blot; Sample: Lane1: Mouse Liver lysate; Lane2: Mouse Cerebrum lysate; Lane3: Mouse Kidney lysate; Lane4: Human BXPC3 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 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.