

PAB062Hu02

Polyclonal Antibody to Heat Shock 70kDa Protein 1 Like Protein (HSPA1L)

Organism Species: *Homo sapiens (Human)*

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: 200μL

Cross Reactivity: N/A

Applications: WB; FCM

[IMMUNOGEN]

Immunogen: Recombinant HSPA1L (Met1~Asp641) expressed in *E.coli*

Accession No.: RPB062Hu02

[APPLICATIONS]

Western blotting: 0.01-5μg/mL;

Flow cytometry: 10³g/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.

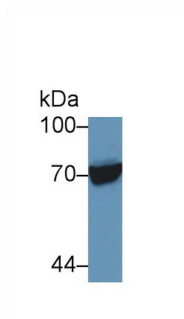
Store at 4°C for frequent use.

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: Raji cell lysate;

Primary Ab: 5µg/ml Rabbit Anti-Human

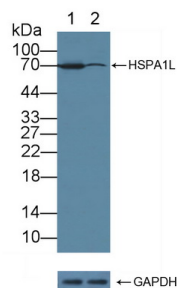
HSPA1L Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19) Selected



Knockout Varification:

Lane 1: Wild-type Raji cell lysate;

Lane 2: HSPA1L knockout Raji cell
lysate;

Predicted MW: 70kd

Observed MW: 70kd

Primary Ab: 5µg/ml Rabbit Anti-Human

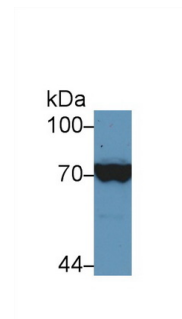
HSPA1L Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: HeLa cell lysate;

Primary Ab: 5µg/ml Rabbit Anti-Human

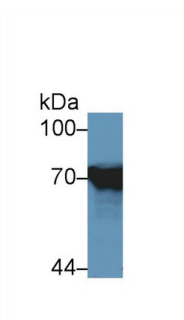
HSPA1L Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19) Selected



Western Blot; Sample: HepG2 cell

lysate;

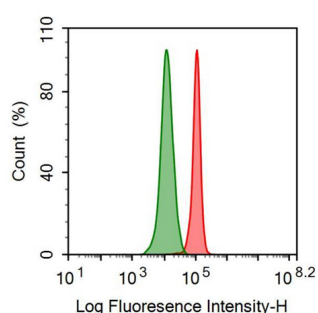
Primary Ab: 5µg/ml Rabbit Anti-Human

HSPA1L Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody



Human HeLa cell line was fixed with 2%

paraformaldehyde (10 min) ,

permeabilised with 0.1% BSA-Triton

X-100, then stained with 10µg/ml mouse

Anti-human HSPA1L Polyclonal

Antibody (Catalog PAB062Hu02, filled

red histogram) or Isotype control

(Catalog: SAA544Rb19) Selected antibody (Catalog IS067-Mu11, filled green histogram).

[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.